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REPORT

BI-ANNUAL ENVIRONMENTAL MONITORING REPORT

JUNE 2025 – NOVEMBER 2025

S2-ENV-WA-GEN-REP-FGJV0143

Rev B

JANUARY 2026

This document provides a summary of surface water and groundwater quality and associated information for monitoring conducted as part the Snowy 2.0 project, across monitoring locations pertaining to Environmental Protection Licence (EPL) 21266.

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CONTENTS

EXECUTIVE SUMMARY **5**
1. INTRODUCTION **6**
1.1. PURPOSE AND SCOPE 6
1.2. REPORTING PERIOD 6
2. OVERVIEW **7**
2.1. CONSTRUCTION UPDATES 7
2.2. REGULATORY UPDATES 8
2.2.1. ENVIRONMENTAL PROTECTION LICENSE 21266 8
3. WEATHER MONITORING **9**
3.1. WEATHER STATIONS 9
3.2. TEMPERATURE DATA 9
3.3. RAINFALL 11
3.4. WEATHER SUMMARY 12
4. WATER QUALITY MONITORING **12**
4.1. GROUNDWATER 12
4.1.1. GROUNDWATER PHYSIOCHEMICAL RESULTS 13
4.1.2. GROUNDWATER ANALYTICAL RESULTS 14
4.2. SURFACE WATER 15
4.2.1. SURFACE WATER PHYSIOCHEMICAL MONITORING 15
4.2.2. SURFACE WATER ANALYTICAL RESULTS 17
4.2.1. LOBS HOLE – MAIN YARD 17
4.2.2. LOBS HOLE – GF01 17
4.2.3. LOBS HOLE – RAVINE BAY 17
4.2.1. MARICA 18
4.2.2. ROCK FOREST 18
4.2.3. TANTANGARA 18
5. INCIDENT REPORTING **18**
5.1. INCIDENT REPORTING 18
5.1.1. INCIDENT OCCURANCES 19
6. DISCUSSION **22**
7. RECOMMENDATIONS **23**
APPENDIX A – SNOWY 2.0 – EPL SAMPLING LOCATIONS **24**
APPENDIX B – EPL RESULTS TABLES **32**
APPENDIX C – EXCEEDANCE MAPS **74**
APPENDIX D – TREND ANALYSIS GRAPHS **119**

EXECUTIVE SUMMARY

The purpose of this report is to provide a six (6) monthly update of surface water and groundwater monitoring undertaken for Snowy 2.0 (the Project) in accordance with Condition R4.3 of EPL21266 (the EPL). For the purposes of this report, the reporting period is defined as the days that occurred between 1 June through to 30 November 2025.

Monitoring results for the current reporting period indicate that water quality was predominantly influenced by seasonal transitions. Significant rainfall in July acted as a primary driver for sediment and nutrient mobilization across the Project area outside of those areas influenced by Project activities previously. Conversely, the warmer and drier weather in late spring has been associated with decreased water levels and reduction in reservoir water body movement.

Key observations included elevated turbidity during peak runoff, low pH within the Tantangara system and conductivity levels during low-flow periods. The data suggests that current water quality profiles are consistent with climatic forcing and existing spoil emplacement hydrology rather than operational incidents.

Furthermore, two license variations were issued during this period, resulting in significant adjustments to the concentration limits for specific contaminants. These adjustments have provided the FGJV dewatering team with a more operationally feasible and robust framework for achieving discharge compliance. Furthermore, while several Prevention Notices were issued following onsite incidents, the Project immediately transformed these challenges into learning opportunities. This resulted in a comprehensive overhaul of our internal construction and environmental protocols, further strengthening our proactive partnership and transparent communication with the regulatory authority.

It is noted that the format, structure and content comprising this Biannual Environmental Monitoring Report will be represented in an updated document for all future monitoring periods. The updated document will include major structural updates and content refinements to reflect the Project's commitment to improving reporting clarity.

1. INTRODUCTION

Snowy 2.0 was declared State Significant Infrastructure and Critical State Significant Infrastructure by the NSW Minister for Planning under the provisions of the NSW Environmental Planning and Assessment Act 1979 and is defined in Clause 9 of Schedule 5 of the State Environmental Planning Policy (State and Regional Development) 2011.

An Infrastructure Approval No. SSI 9208 based on the Environmental Impact Statement (EIS) submitted for the Snowy 2.0 Exploratory Works was received on February 7, 2019.

An Environment Protection Licence No. 21266 (EPL21266) under Section 55 of the Protection of the Environment Operations Act 1997 (NSW) was issued to Snowy Hydro Ltd (Snowy Hydro) on May 9, 2019, by the New South Wales Environment Protection Authority (NSW EPA) for land based extractive activities at Lobs Hole and Talbingo Reservoir in Kosciuszko National Park.

Webuild, Clough, and Lane have formed the Future Generation Joint Venture (FGJV) and have been engaged by SHL to deliver both Stage 2 of Exploratory Works and Snowy 2.0 Main Works. As required by EPL21266 Future Generation have undertaken a monthly monitoring program to assess the influence of the Snowy 2.0 Main Works project on groundwater and receiving surface water quality across the Project, specifically the work sites of Talbingo, Lobs Hole, Tantangara, Marica and Rock Forest.

1.1. PURPOSE AND SCOPE

This document is required to address the requirements set out in EPL21266 Condition R4.3 and R4.4. For clarity, Condition R4.4 has been provided in Table 1-1 below.

Table 1-1: License Condition R4.4

Condition	Environmental Monitoring Report requirement	Report Section
R4.4(a)	Results of all water quality monitoring undertaken in the preceding six (6) month period	Appendix B, Appendix C
R4.4(b)	Results of all weather monitoring undertaken in the preceding six (6) month period	Section 3
R4.4(c)	Assessment of historical trends in all water sampling data for each monitoring point inclusive of the current six (6) month period	Section 4
R4.4(d)	Identification of instances where the water quality objective (WQO) triggers for each relevant pollutant were exceeded at receiving water locations and/or where the predicted discharge water quality was exceeded at sediment basin discharge points	Section 4 and 5, Appendix C
R4.4(e)	Include details of any actions taken by the Licensee in response to exceedances identified under point R4.4(d) including but not limited to: i. additional monitoring ii. remedial actions; and iii. activation of trigger, action, response plans (TARPs).	Sections 5
R4.4(f)	Recommendations for future actions in relation to monitoring and/or management	Section 7
R4.4(g)	Identification of any water quality monitoring that was not completed in compliance with condition M2.2. This must include an appropriate justification for the non-compliance	Section 5

1.2. REPORTING PERIOD

For the purposes of this document, the reporting period includes all relevant activities undertaken between the 1 June 2025 and the 30 November 2025.

2. OVERVIEW

2.1. CONSTRUCTION UPDATES

A summary of key construction activities progressed during the reporting period are provided in Table 2-2 below.

Table 2-1: Key Construction Updates

Location	Key Construction Activities
Lobs Hole	**ECVT / MAT Portal** • Commencement of construction of Marica Road West scope. • GIS building civil works (main civil) completed. • Sediment basin desilting program completed. • Installation of drain for additional filter within GIS building. **Main Office** • Office construction complete. • Services and sewerage system installation complete. **Main Yard** • Batch Plant CWTP additional footings installed around plant. • Construction of warehouse and progression of office construction works for ATB Contractor. • The extension and adjustments of the Lobs Hole Laboratory are in progress. • Lobs Hole Pad 1C, modifications on the shelters for the concrete pumps. **GF01** • GF01 temporary surface land forming complete. • GF01 Remediation SOW awarded. • Submersible pumps have been installed (May) at the downstream monitoring bores: BH6416 (EPL90 - March 2025), BH6401 (EPL58 – March 2025), BH6412 (EPL95 April - 2025). **Accommodation Camps** • Lobs Hole Main Camp expansion works complete. **Talbingo** • Counterweight Design for Invert Traveler. • Dismantling chamber concrete works - slab verification. • Review of anchor bolts for Talbingo transition works. • Transition C1 Invert slab CS02, CS03, CS04, CS05 completed. • Gate closure base slab 02 concrete completed & BS03 reinforcement installation ongoing. • Excavation in diffuser base slab DBS01 ongoing. • Excavation in diffuser base slab DBS02, DBS03 ongoing. • Modification of Transition walls formwork ongoing. **Ravine Bay**

Location	Key Construction Activities
	• Lining complete of all leachate basins. • Access tracks and drainage channels completed. • Borehole maintenance program complete.
Marica	• Completion of bulk earthworks for TBM 4 Adit. • Camp expansion works conducted. • Borehole installation works complete at the TSE. • TSE leachate basin installation works completed. • Adit Portal: Slurry treatment plant muck pit and sum pit design completed, • CWTP design for PAD-1B expansion general layout ongoing. Wedge pit design updated and issued for construction. • USS excavation works ongoing.
Rock Forest	• PSE civil works commenced. • Leachate basin excavations commenced. • Access roadway complete and maintained.
Tantangara	• Completion of Stage 1 PSE placement works. • Tantangara intake diffuser pours ongoing. • Batching Plant Area, Shed for Chiller ongoing. • Gate Shaft - Gate Shaft Workshop Dome Shelters Cladding. • USS Construction wastewater treatment drain updated and completed. • Tantangara Intake stage 3 clearing permit extension.

2.2. REGULATORY UPDATES

2.2.1. ENVIRONMENTAL PROTECTION LICENSE 21266

During the reporting period, EPL21266 was subject to two (2) license variations. A summary of changes to the EPL are presented in Table 2-1.

Table 2-2: EPL21266 Variations

Notice no.	Date of Issue	Summary of Variations
1648456	23rd July 2025	• Condition O4.1 has been edited to rectify a typographical error • Condition O4.2 has been added to the licence • Note under Condition R2 has been included to clarify expectations regarding timely provisions of sampling results • Condition U1 has been included to require the Licensee to undertake an Assessment of Water Reuse and Basin Maintenance Activities • Condition E3 has been varied to include Rock Forest and to amend the parameters which direct the Licensee to provide the EPA with a CQA Report to be by exception • Condition E4 has been created to separate requirements pertaining to lining and capping of permanent spoil emplacement areas
1653201	26th September 2025	• L2 - Concentration Limits:

		○ L2.4: 90th and 100th percentile concentration limits have been updated for Total Nitrogen, Ammonia, Total Phosphorus and Biochemical Oxygen Demand ○ L2.5: A condition has been added to the licence stating that the updated Concentration Limits are only valid for a trial period of until 31 December 2026. • E1 - Verification of Mixing Zone Modelling has been removed, noting its outcomes are now covered in the new condition E5 • E5 - Reservoir discharge limit validation and nutrient loading monitoring requirement: ○ E5.1: A special condition has been added to the licence requiring that by 26 November 2025, the Licensee submit for review a: ▪ Reservoir Discharge Limit Validation Monitoring Program, which includes a detailed scope for a Validation Report. ▪ Nutrient Loading Monitoring Program.

3. WEATHER MONITORING

3.1. WEATHER STATIONS

There are several weather stations along the alignment of the Project that report weather conditions in real time and record historic data which can be presented in daily, hourly or 5-minute intervals. The weather stations are located at representative locations across the Project as follows:

- “Lobs Hole” - an automatic weather station managed by FGJV in Lobs Hole Main Yard.
- “Cabramurra” - an automatic weather station located near the lookout in the Cabramurra township managed by the Bureau of Meteorology (BoM).
- “Tantangara” - an automatic weather station managed by FGJV in Tantangara construction site.

The Tantangara and Lobs Hole gauges are in sub-alpine environments, with elevations of approximately 1200 m and 600 m, respectively. Cabramurra records substantially higher annual rainfalls than the lower-elevation gauges at Lobs Hole and Tantangara. Tantangara and Lobs Hole weather stations record actual onsite conditions at the respective construction sites, while Cabramurra weather station, at 1470 m is typically representative of conditions at Marica.

3.2. TEMPERATURE DATA

Figure 2-1, Figure 2-2 and Figure 2-3 present the daily minimum and maximum air temperatures recorded across the Project weather stations for this reporting period. An increasing trend in daily air temperature was observed across all three weather stations. The highest maximum temperature was 28.9 °C recorded at Lobs Hole, while the lowest minimum temperature was -9.1 °C recorded at Tantangara.

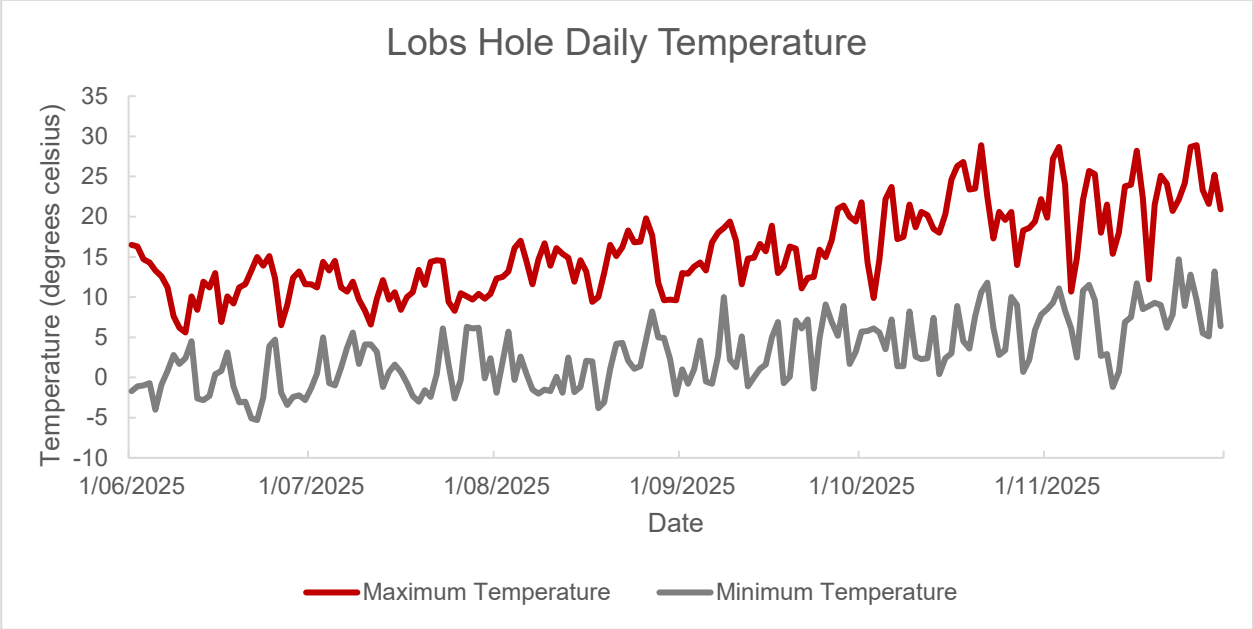


Figure 2-1: Lobs Hole Minimum and Maximum Temperatures

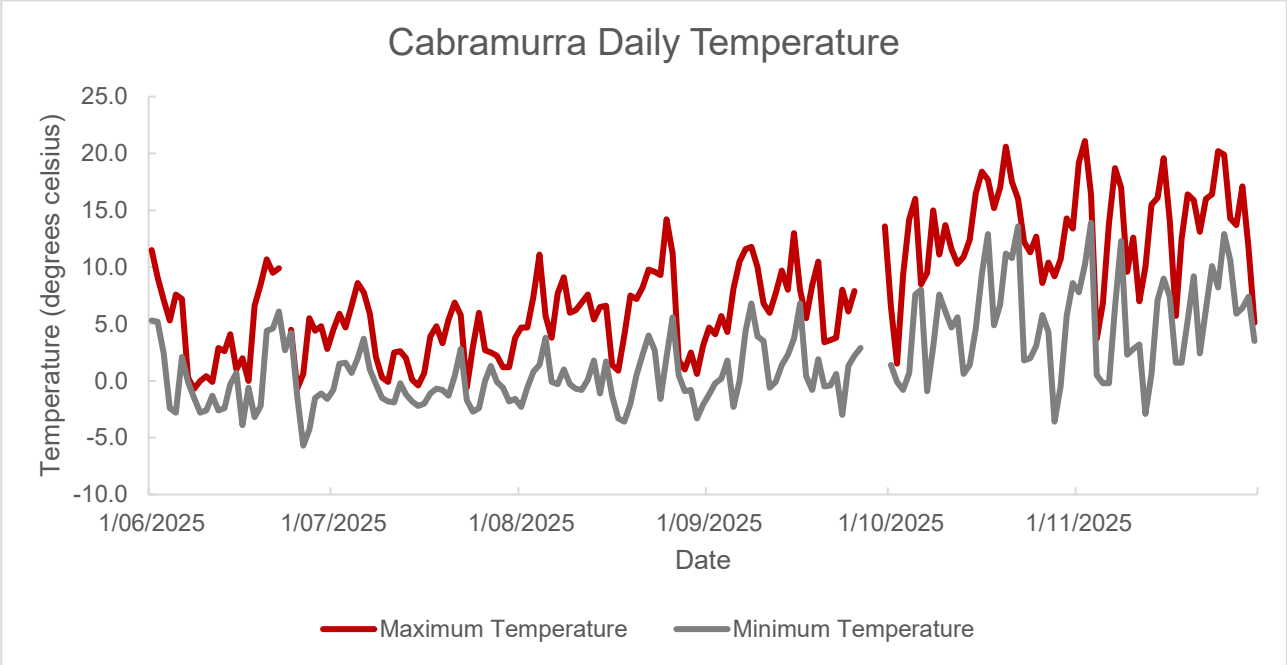


Figure 2-2: Cabramurra Minimum and Maximum Temperatures

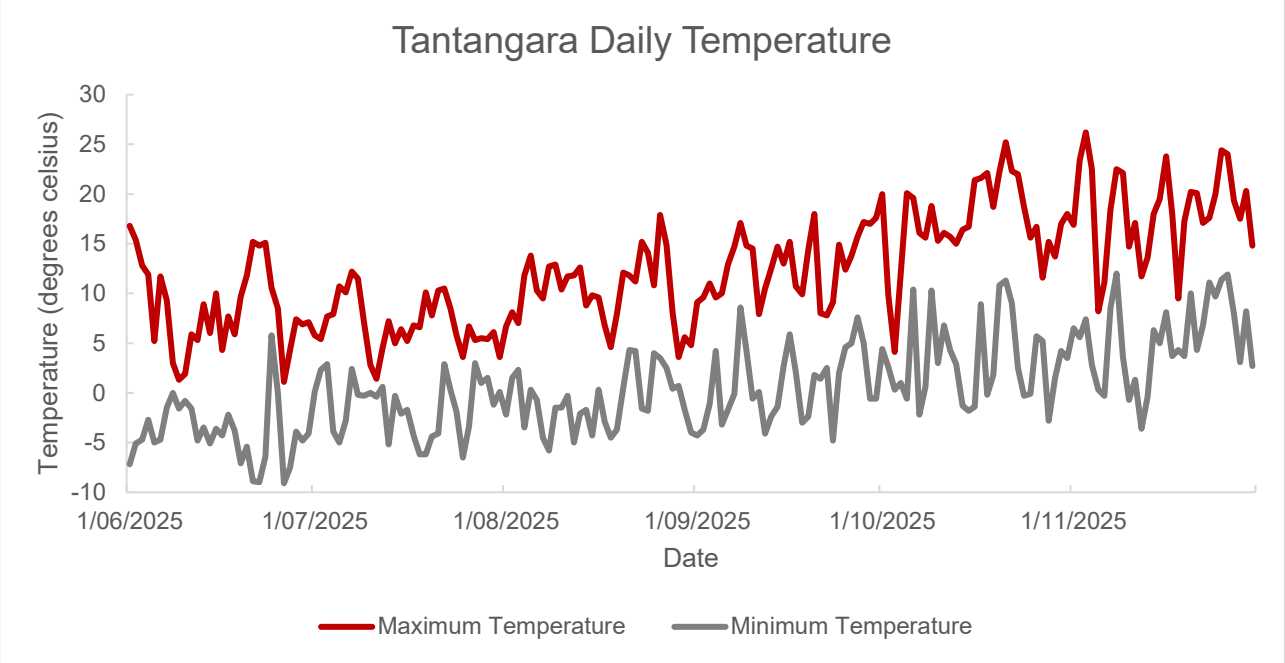


Figure 2-3: Tantangara Minimum and Maximum Temperatures

3.3. RAINFALL

Total monthly rainfall observed at Lobs Hole, Tantangara and Cabramurra weather stations during the reporting period is displayed in Table 3-1. Included in the Rainfall Data Table is the LTA (long-term average) at locations which represent the respective local area. The data was sourced from available climate data at the Bureau of Meteorology (BOM, 2025) and represents the monthly rainfall averages recorded over the time period indicated in the header row of Table 3-1.

At each of the three rainfall recording sites (Tantangara, Lobs Hole, and Cabramurra), the highest volume of rain that fell in a single day are as follows:

- 48.2 mm at Lobs Hole – 24 June 2025;
- 54.4 mm at Cabramurra (Marica) – 28 July 2025; and
- 38.0 mm at Tantangara – 24 June 2025.

On the five-day time scale, the heaviest precipitation events were as follows:

- Lobs Hole: 80.4 mm between 23 and 28 of June 2025;
- Cabramurra (Marica): 95.2 mm between 25 and 29 July 2025; and
- Tantangara: 99.4 mm between 27 and 31 August 2025.

Table 3-1: Rainfall Data

	Lobs Hole[1]		Cabramurra (Marica)		Tantangara[2]	
Month	**Monthly Total (mm)**	**LTA (1885-2025)**	**Monthly Total (mm)**	**LTA (1996-2025)**	**Monthly Total (mm)**	**LTA (1887-2022)**
June	120.4	102.0	98.4	122.9	121.8	57.8
July	142.2	103.7	213.8	118.1	168.0	53.8
August	76.2	105.5	96.2	124.6	115.4	59.7
September	41.6	89.8	83.8	123.1	70.0	60.1
October	37.2	94.4	60.6	109.7	62.4	67.8
November	44.4	77.2	81.2	124.2	71.4	58.9

1. Lobs Hole long-term average rainfall is taken from the Tumbarumba Post Office weather station.
2. Tantangara long-term average rainfall is taken from the Adaminaby Alpine Tourist Park weather station.

3.4. WEATHER SUMMARY

Weather conditions during the reporting period reflected the typical progression from cold, wet winter patterns toward warmer, drier summer conditions across the Snowy Mountains. The first three months of the reporting period experienced greater rainfall volumes when compared to the second half of the reporting period, with the greatest monthly rainfall total recorded at Cabramurra in July (213.8 mm).

Early in the period, July experienced the highest rainfall across all sites, accompanied by low temperatures consistent with mid-winter. As the season progressed, conditions transitioned to rising temperatures, reduced rainfall volumes, and the emergence of isolated summer storms and longer dry spells.

4. WATER QUALITY MONITORING

Monthly Water quality monitoring results and summary discussion are provided in Appendix B of this document. Summary tables for this reporting period are contained in Appendix B, Additionally, analytical results for both groundwater and surface water are provided in graphical form. The following sections present the findings of data interrogation. It is to be noted that the data has been arranged on the graphs in a manner that it is legible i.e. groundwater monitoring locations that are in pre-determined areas that have similar concentrations are included in one graph. Similarly, where groundwater monitoring locations that are upstream and downstream of a particular location may have been included on separate graphs due to significant differences in analyte concentrations, combined with very low WQO concentrations rendering trends in the data indistinguishable.

4.1. GROUNDWATER

Routine groundwater quality monitoring is undertaken in accordance with EPL21266 to determine if project activities may be promoting negative impacts to receiving water quality utilising adopted Water Quality Objectives (WQO's).

Regular groundwater monitoring events are undertaken to help further understand the typical ambient conditions within each monitoring zone.

4.1.1. GROUNDWATER PHYSIOCHEMICAL RESULTS

Under Section 6 Condition R4.1, the EPA must be notified of any results that exceed, or are outside the range of, relevant water quality trigger values within licenced premises or at the designated EPL monitoring points and are attributed to the Project. Table 3-1 presents a summary of the numbers outside the range of acceptability. Further details are presented in Appendix B.

Table 4-1: Physiochemical Summary

Water Quality Objectives	DO (%)	EC (µS/cm)	pH	Turbidity (NTU)	Comment
Range	90-110	>30 and <350 / <20 and <30 reservoirs	>6.5-<8	<2 >25	
June 2025 to November 2025					
June	28	23	27	16	In comparison to other months in this period, June represented the lowest frequency of EC exceedances. The number of pH exceedances remains within the expected range based on previous monitoring data.
July	31	34	23	12	July's exceedance levels are consistent with historical data and fall within the expected range for current seasonal variations.
August	27	33	20	10	During this reporting month, the physicochemical parameters remained consistent with results typically observed under wet weather conditions.
September	39	37	18	16	In September, monitoring showed a greater frequency of exceedances for both DO (%) and turbidity. This trend correlates with elevated runoff levels associated with the month's wet weather patterns.
October	33	37	39	13	While this month recorded the greatest number of pH exceedances, the levels are consistent with historical observations and fall within seasonal expectations.
November	27	44	38	14	November monitoring recorded a higher frequency of EC exceedances. The primary contributors to these elevated levels include decreased stream volumes (leading to higher concentrations), local animal activity, and periodic runoff from occasional rain.

Between June and November, Lobs Hole recorded 462 mm of precipitation, while Tantangara received 609 mm. This timeframe represented a sustained wet period, during which water bodies across the project area and groundwater monitoring wells reported exceedances in pH and EC, as well as elevated turbidity due to increased surface runoff. However, these conditions and exceedances remain within the expected range for seasonal transitions.

4.1.2. GROUNDWATER ANALYTICAL RESULTS

Regular Groundwater monitoring events are undertaken to determine the conditions within the numerous subsurface water systems across the Project. Groundwater specific WQO's are outlined in Table C-1 of the Main Works – Groundwater Monitoring Program.

Site specific groundwater exceedances are presented in Attachment D of the Main Works – Groundwater Monitoring Program have been established to monitor whether observed drawdown is greater than construction related predicted drawdown. Groundwater piezometer data from an additional network of boreholes is collected and assessed by SHL.

The project includes several Permanent Spoil Emplacement (PSE) areas across the Lobs Hole, Tantangara, and Marica sites. Comprehensive monitoring during this period revealed an increased trend in nutrient concentrations overall, despite numerous downgradient locations reporting slight trend decreases.

Notably, downstream locations within proximity to GF01 were most elevated across the analytical suite. Additionally, a decrease in pH levels recorded at Tantangara was found to correlate with natural environmental factors and expected site-specific climatic conditions.

4.1.2.1. LOBS HOLE – MAIN YARD

The Main Yard groundwater monitoring network spans seven (7) groundwater bores installed across the expansive area. The above and below gradient locations are used to monitor any changes to the water quality across the emplacement area, including any possible migration following placement.

Concentrations of Nitrite + Nitrate as Nitrogen and Total Nitrogen reported slight decreases across the monitoring network, with exception to EPL87 whereby Nitrite + Nitrate increased over 8 mg/L over the reporting period and Total Nitrogen concentrations increasing by over 10 mg/L.

No discernible trends were observed for metals or oil and grease.

4.1.2.2. LOBS HOLE – GF01

The groundwater monitoring network servicing the GF01 PSE consists of eleven (11) monitoring bores in total, two upstream monitoring locations and nine (9) downstream monitoring locations.

The upstream locations are situated within the footprint of the emplacement area inside the spoil placement influence zone. The influence from the placed material is understood to reflect the analytical concentrations reported for the monitoring period, with the placed material are understood

EPL93 and EPL94 reported decreasing Ammonia as N analytical trends within the reporting period with the most notable decrease observed in EPL93 decreasing from 0.1 mg/L in July 2024 to below detection at the conclusion of the period.

Reactive phosphorous (filtered) concentrations within EPL58, EPL92, EPL93 and EPL58 constitute a decreasing trend for the reporting period.

Filtered copper and arsenic concentrations consistently decreased in downgradient locations EPL58 and EPL97.

Upgradient locations EPL56 and EPL57 reported increasing Nitrite + Nitrate as Nitrogen and Total Nitrogen concentrations across the reporting period, with EPL57 increasing from 1.5 mg/L in June to 2.82 mg /L in November 2025.

4.1.2.3. LOBS HOLE – RAVINE BAY

Ravine Bay groundwater locations facce limitations regarding the accuracy of any trend analysis due to the non-continual sampling regiume and the lack of large data history.

4.1.2.4. MARICA

The Marica temporary spoil emplacement area continues to progress with the works including additional basins and water management systems across the TBM 4 front. It is noted the previous monitoring locations EPL73 and EPL102 have been decommissioned, however three (3) groundwater monitoring bores (BH5411, BH5412 and BH5413) are installed and to be assigned EPL designations within the next license variation.

The existing bores currently in place at Marica do not have EPL designations designation is currently under construction. During this reporting period, two groundwater monitoring locations (monitoring wells) were decommissioned, and three new locations were installed. Although these new locations are not yet classified as reportable under the current licensing conditions, the upstream location EPL72 is included in this report.

Filtered nickel and Nitrite + Nitrate reported an increasing trend within EPL72 however no discernible trends were defined for metals or oil and grease.

4.1.2.5. ROCK FOREST

The groundwater bore network at Rock Forest has been excluded from this report due to the lack of project activities within the site confines for the majority of the reporting period. Further, the PSE area is yet to be completed to a stage whereby placement can commence.

4.1.2.6. TANTANGARA

The Tantangara groundwater monitoring network comprises six (6) bores positioned around the temporary emplacement area and the PSE footprint.

EPL70 and EPL104 reported observable increasing trends of Nitrite + Nitrate with EPL104 reporting notable fluctuations in concentrations with the largest variation comprising 1 mg/L in early august decreasing to less than 0.2 mg/L within the first week of September.

Furthermore, a notable decrease in in-situ pH readings was recorded in November, ranging between 5.61 and 6.46; these fluctuations have been attributed to natural background environmental characteristics. This is based upon an investigation (INV00240) on the 12 November 2025 to determine the ambient conditions collated from previous monitoring periods recorded since August 2023.

4.2. SURFACE WATER

4.2.1. SURFACE WATER PHYSIOCHEMICAL MONITORING

Under Section 6 Condition R4.1, the EPA must be notified of any results that exceed, or are outside the range of, relevant water quality trigger values within licenced premises or at the designated EPL

monitoring points that are attributable to Project activities. Table 4-1 presents a summary of the total number of exceedances observed for each in-situ parameter at all EPL monitoring locations for this reporting period. The complete dataset is presented in Appendix B.

Table 4-1: Physiochemical Exceedances

WQO Parameter	DO (%)	EC (µS/cm)	pH	Turbidity (NTU)	Comment
WQO Objective Value	**90-110**	**30-350 (Surface Waters) 20-30 (Reservoirs)**	**6.5-8**	**2-25**	
June	28	23	27	16	In comparison to other months in this period, June represented the lowest frequency of EC exceedances. The number of pH exceedances remains within the expected range based on previous monitoring data.
July	31	34	23	12	July's exceedance levels are consistent with historical data and fall within the expected range for current seasonal variations.
August	27	33	20	10	During this reporting month, the physicochemical parameters remained consistent with results typically observed under wet weather conditions.
September	39	37	18	16	In September, monitoring showed a greater frequency of exceedances for both DO and turbidity. This trend correlates with elevated runoff levels associated with the month's wet weather patterns.
October	33	37	39	13	While this month recorded the greatest number of pH exceedances, the levels are consistent with historical observations and fall within seasonal expectations.
November	27	44	38	14	November monitoring recorded a higher frequency of EC exceedances. The primary contributors to these elevated levels include decreased stream volumes (leading to higher concentrations), local animal activity, and periodic runoff from occasional rain.

Between June and November, Lobs Hole recorded 462 mm of precipitation, while Tantangara received 609 mm. This timeframe represented a sustained wet period, during which water bodies across the Project area and groundwater monitoring wells reported exceedances in pH and EC, as well as elevated turbidity due to increased surface runoff.

4.2.2. SURFACE WATER ANALYTICAL RESULTS

Routine surface water quality monitoring is undertaken in accordance with CoA Schedule 3, Condition 31 and Environmental Protection Licence 21266 (EPL21266) to determine if project activities may be promoting negative impacts to receiving water quality utilising adopted Water Quality Objectives (WQO's). The following sections present and discuss the laboratory analytical results for receiving surface waters across the Project. The analytical data presented in Appendix Dare compared against the relevant WQO, this has been included as "Snowy 2.0 – Surface water – 1225". The numerals "1225" refer to 'December 2025', the date at which an update to the database occurred which included a representation of WQOs for all required analytes. The complete trend analysis graphs are included in Appendix D.

4.2.1. LOBS HOLE – MAIN YARD

The Main Yard water storage infrastructure are leachate basins (EPL84, EPL85, EPL86). Total Nitrogen and Nitrite + Nitrate as Nitrogen trends presented a decreasing trend during this reporting period. At EPL86, Total Nitrogen concentrations were recorded in the ranges of 20-30 mg/L in the first half of the reporting period while in the second half of the reporting period ranges were generally between 10-20 mg/L. Concentrations at EPL84 and EPL85 decreased from ranges of 5-20 mg/L and 5-10 mg/L respectively to <0.1-10 mg/L at both locations. Total Nitrogen concentrations were consistently exceeded the WQO value of 0.25 mg/L.

Generally, no discernible trends were identified in heavy metal concentrations apart from slightly elevated results for Nickel at EPL85 from July 2025. The elevated concentrations reported for Nickel generally remained below the WQO, except for on three occasions in October and November where the greatest reported result was 0.013 mg/L on 18 November 2025.

Elevated Arsenic results were reported during the period from November 2024 to July 2025 at EPL84 and EPL85 in the range of 0.007 mg/L to 0.030 mg/L, compared to 0.001 mg/L to 0.005 mg/L outside of these months. At EPL86, elevated concentrations were reported between February 2025 to July 2025. The concentrations were reported between 0.002 mg/L and 0.016 mg/L compared to 0.001 mg/L to 0.003 mg/L outside of these months.

4.2.2. LOBS HOLE – GF01

Elevated Total Nitrogen concentrations were reported in the second half of the reporting period at EPL55. The concentrations ranged from 10 mg/L to 42 mg/L in the first half of the reporting period and were between 40 mg/L and 60 mg/L in the second half of the reporting period. This indicates an upward trend at this location. A similar trend was observed at EPL52 and EPL122 (formerly referred to as EPL55B), however at EPL122 elevated Total Nitrogen was observed from July 2025 and was generally less concentrated than EPL55 and EPL52 overall.

No discernible trends were observed for metals or oil and grease.

4.2.3. LOBS HOLE – RAVINE BAY

Ravine Bay surface water monitoring locations consist of upstream and downstream locations EPL110 and EPL128 respectively. These locations are ephemeral streams which only contain water after rainfall events, therefore sample results may be absent due to inability to sample these locations if the location was dry. Additionally, there are EPL monitoring locations at leachate basins, these are EPL106, EPL118, EPL119 and EPL120. It is to be noted that EPL110 was regularly sampled from the beginning of this reporting period, however 118 and 119 have only

recently been commissioned as leachate basins and therefore the dataset commences from August at these locations. Furthermore, at the time of reporting, EPL120 was not yet commissioned as a leachate basin, therefore no results are available.

4.2.1. **MARICA**

No discernible trends were observed at surface water locations during this reporting period.

4.2.2. **ROCK FOREST**

No discernible trends were observed at surface water locations during this reporting period.

4.2.3. **TANTANGARA**

No discernible trends were observed at Tantangara Reservoir locations or other surface water locations for this reporting period.

5. INCIDENT REPORTING

5.1. INCIDENT REPORTING

Event based water quality monitoring is undertaken following identification of sediment laden or leachate containing water migration via overtopping of the storage capacities. The subsequent environmental sampling and analysis is conducted in accordance with the Surface Water Management Plan (SWMP) Trigger Action Response Plan (TARP 2).

Monitoring is typically conducted within three standardised locations namely, the source point, a nominated upstream and a nominated downstream location who are then subject to comprehensive and physiochemical analysis and analytical review. The results are included in the final incident report (where applicable).

5.1.1. INCIDENT OCCURANCES

Table 5-1: Lobs Hole Incidents

Event Date	FGJV Ref Incident	Location	Description	Event Category	Rainfall (mm)	Spill / release reaching water body (Y/N)
06/06/2025	118182	Talbingo Intake	Water treatment 'fish tank' overtopping and reaching reservoir	Spill	N/A	Y
08/06/2025	118191	F13 Sediment Basin	Sediment-Laden water entering watercourse	Basin overtopping	28.2	Y
08/06/2025	118196	Rock face down-gradient of F8 Leachate Basin	Sediment-Laden water entering watercourse	Sediment laden water release – not related to basin overtopping	29.2	Y
12/06/2025	118267	EPL41	Non-compliant discharge event	Spill	N/A	Y
24/06/2025	118306	Site-Wide	Sediment-Laden water entering watercourse	Basin overtopping	74.8	Y
24/06/2025	118308	Middle Creek Bridge	Sediment-Laden water entering watercourse	Sediment release – not related to basin overtopping	49	Y
25/06/2025	118330	ECVT	Treated process water spill to ground	Spill	74.8	Y
26/06/2025	118321	Pad 2 Basin	Treated process and sediment-laden water entering watercourse	Basin overtopping	74.8	Y
28/06/2025	118346	Ravine Bay SB1	Leachate/Sediment-Laden water entering watercourse	Basin overtopping	N/A	Y
10/07/2025	118435	F10.5 Basin	Oil spill in basin	Spill	N/A	N
10/07/2025	118437	Site-Wide	Sediment-Laden water entering watercourse	Basin overtopping	37.8	Y
11/07/2025	118446	Ravine Bay SB1 Basin	Leachate/Sediment-Laden water entering watercourse	Basin overtopping	46	Y
13/07/2025	118466	R16 Sediment Basin	Sediment-Laden water entering watercourse	Basin overtopping	47.2	Y
21/07/2025	118515	Ravine Bay SB1	Leachate/Sediment-Laden water entering watercourse	Basin overtopping	0	Y
22/07/2025	118519	Talbingo Boat Ramp	Sediment-Laden water entering watercourse	Basin overtopping	3.4	Y
22/07/2025	118525	F5A Sediment Basin	Sediment-Laden water entering watercourse	Basin overtopping	9.8	Y
24/07/2025	118539	F11.5 Sediment Basin	Sediment-Laden water entering watercourse	Basin overtopping	31.8	Y
26/07/2025	118550	Site-Wide	Sediment-Laden water entering watercourse	Basin overtopping	70.6	Y
26/07/2025	118551	Middle Creek Bridge	Sediment-Laden water entering watercourse	Sediment laden water release – not related to basin overtopping	48.2	Y

Event Date	FGJV Ref Incident	Location	Description	Event Category	Rainfall (mm)	Spill / release reaching water body (Y/N)
28/07/2025	118555	Pad 2 Basin	Treated process and sediment-laden water entering watercourse	Basin overtopping	87.6	Y
29/07/2025	118565	MYLS	Leachate/Sediment-Laden water entering watercourse	Basin overtopping	90	Y
29/07/2025	118566	Pad 2 Basin	Treated process and sediment-laden water entering watercourse	Basin overtopping	90	Y
27/08/2025	118694	Sump A	Sediment-Laden water entering watercourse	Basin overtopping	30.4	Y
27/08/2025	118695	Talbingo Boat Ramp	Sediment-Laden water entering watercourse	Basin overtopping	30.4	Y
28/08/2025	118706	F11.5 and F13 sediment basins	Sediment-Laden water entering watercourse	Basin overtopping	33.2	Y
28/08/2025	118708	Talbingo Reservoir	Sediment-Laden water entering watercourse	Sediment laden water release – not related to basin overtopping	35.4	Y
29/08/2025	118731	Site-Wide	Sediment-Laden water entering watercourse	Basin overtopping	45.8	Y
30/08/2025	118734	Talbingo CWTP	Process water entering watercourse	Spill	N/A	Y
30/08/2025	118736	Site-Wide	Sediment-Laden water entering watercourse	Basin overtopping	63	Y
31/08/2025	118740	Ravine Bay SB1 Basin	Leachate/Sediment-Laden water entering watercourse	Basin overtopping	64.2	Y
31/08/2025	118909	EPL41	Non-compliant discharge event	Other	N/A	Y
07/09/2025	36	EPL41	Unauthorised discharge event	Other	N/A	Y
10/09/2025	118800	Ravine Road North	Sediment-Laden water entering watercourse	Basin overtopping	1.8	Y
11/09/2025	118808	Sump A	Sediment-Laden water entering watercourse	Basin overtopping	15.2	Y
11/09/2025	118814	Talbingo Boat Ramp	Silt curtain failure resulting in Sediment-Laden water entering watercourse	Basin overtopping	15.2	Y
26/10/2025	155	Yarrangobilly River Bridge	Sediment-Laden water entering watercourse	Sediment release – not related to basin overtopping	2	Y
27/10/2025	157	Middle Creek Bridge	Sediment-Laden water entering watercourse	Sediment release – not related to basin overtopping	14.8	Y
04/11/2025	204	Yarrangobilly River Bridge	Sediment-Laden water entering watercourse	Sediment release – not related to basin overtopping	14.4	Y
16/11/2025	265	Middle Creek	Sediment-Laden water entering watercourse	Sediment release – not related to basin overtopping	0	Y

Event Date	FGJV Ref Incident	Location	Description	Event Category	Rainfall (mm)	Spill / release reaching water body (Y/N)
17/11/2025	266	Middle Creek	Sediment-Laden water entering watercourse	Sediment release – not related to basin overtopping	7	Y
22/11/2025	305	F8 Leachate Basin	Tear in leachate basin liner	Other	N/A	N

Table 2-2: Marica Incidents

Event Date	FGJV Ref Incident	Location	Description	Event Category	Rainfall (mm)	Spill / release reaching water body (Y/N)
24/06/2025	118304	MC01, MC02 and MC03 sediment basins	Sediment-Laden water entering watercourse	Basin overtopping	42	Y
28/07/2025	118562	MC03 Basin	Sediment-Laden water entering watercourse	Basin overtopping	65	Y
9/09/2025	118801	SPLB-01 Leachate Basin	Tear in leachate basin liner	Other	N/A	N

Table 2-3: Tantangara Incidents

Event Date	FGJV Ref Incident	Location	Description	Event Category	Rainfall (mm)	Spill / release reaching water body (Y/N)
26/06/2025	118323	Batch Plant Sediment Basin	Sediment-Laden water entering watercourse	Basin overtopping	53	Y
12/11/2025	240	Tantangara PSE	pH Exceedances in Groundwater[1]	Other	N/A	Y

[1] Following an incident investigation it was determined that the pH levels observed during the reporting periods within the locations were consistent with ambient background conditions.

6. DISCUSSION

The reporting period for the Talbingo and Tantangara reservoirs was characterized by persistent algal proliferations, which were spatially variable across the water bodies. These observations are consistent with a eutrophic response triggered by reduced water volumes, temperature increases, and minimal water renewal. Analytical data confirmed corresponding elevations in Total Nitrogen (TN), Total Phosphorus (TP), and NOx, alongside temperature-dependent coliform activity. These hydrochemical signatures indicate that nutrient enrichment is being driven by seasonal thermal and hydrodynamic factors rather than discrete, acute pollutant inputs from Project operations.

Groundwater monitoring in bores within proximity to the PSE sites reported exceedances on multiple occasions throughout the reporting period. Analytical exceedances were largely individual based on the PSE characteristics however, nutrient analytes such as Nitrite + Nitrate as Nitrogen and Total Nitrogen were consistently elevated across the groundwater monitoring networks within PSE areas. The analytical results from such locations is in line with current Project understanding on the interaction between rainfall and groundwater driven infiltration and the internal moisture dynamics of the spoil mass. Key observations included dissolved metal enrichment and elevated nutrient levels correlating with known spoil composition and blasting residues including upgradient bores within GF01 (refer to Appendix D). Additionally, sediment ingress was noted in certain locations, affecting turbidity and filtered-to-unfiltered correlation.

Comprehensive monitoring during this period revealed an increased trend in nutrient concentrations overall, despite numerous downgradient locations reporting slight trend decreases. Notable decreasing trends were observed for such analytes as Phosphorous and Ammonia (as N) within PSE monitoring zones across the monitoring period.

Water quality across the GF01 PSE monitoring area continue to report elevations in key nutrient analytes especially in down gradient locations EPL58 and EPL97, however this reporting period included increasing analytical concentrations of Nitrite + Nitrate as Nitrogen and Total Nitrogen observed in the above gradient locations in line with spoil settlement and overland infiltrations. Dissolved metals were most present in Main Yard locations which consistent with previous reporting periods.

Surface water conditions across Lobs Hole, Marica, and Tantangara demonstrated high temporal variability and further defined the correlation between rainfall events and increased sediment loads within managed surface water locations. Surface water locations within PSE areas reported increasing nutrient and physiochemical trends overall. Within the ephemeral monitoring locations, intermittent flow or complete cessation of flow is understood to heavily contribute to elevated nutrient concentrations resulting in the increasing trends observed. At Rock Forest, however, nutrient exceedances, specifically nutrients were determined to be unrelated to Project activities with water quality at the upstream locations reflecting historical and contemporary agricultural activity, including fertiliser application.

7. RECOMMENDATIONS

Noting the significant updates to this reporting framework will be implemented within the proceeding monitoring period, the Recommendations are as follows:

Noting the above structural developments, the following recommendations may provide assistance with the on-going management of water across the Project:

i. Investigate opportunities for suitable third parties to contribute to critical stages of future reporting requirements.

ii. Implement updated reporting structure and content upon confirmation of adequacy by SHL.

iii. Deploy automatic continual data logging / reporting network across key reservoir and groundwater well locations. Include update analytical logging to suit Project maturity. l

iv. Implement monitoring location suitability system whereby locations unsuitable to sample are either repaired or replaced.

v. Deploy maintenance schedule for water monitoring locations across all project sites.

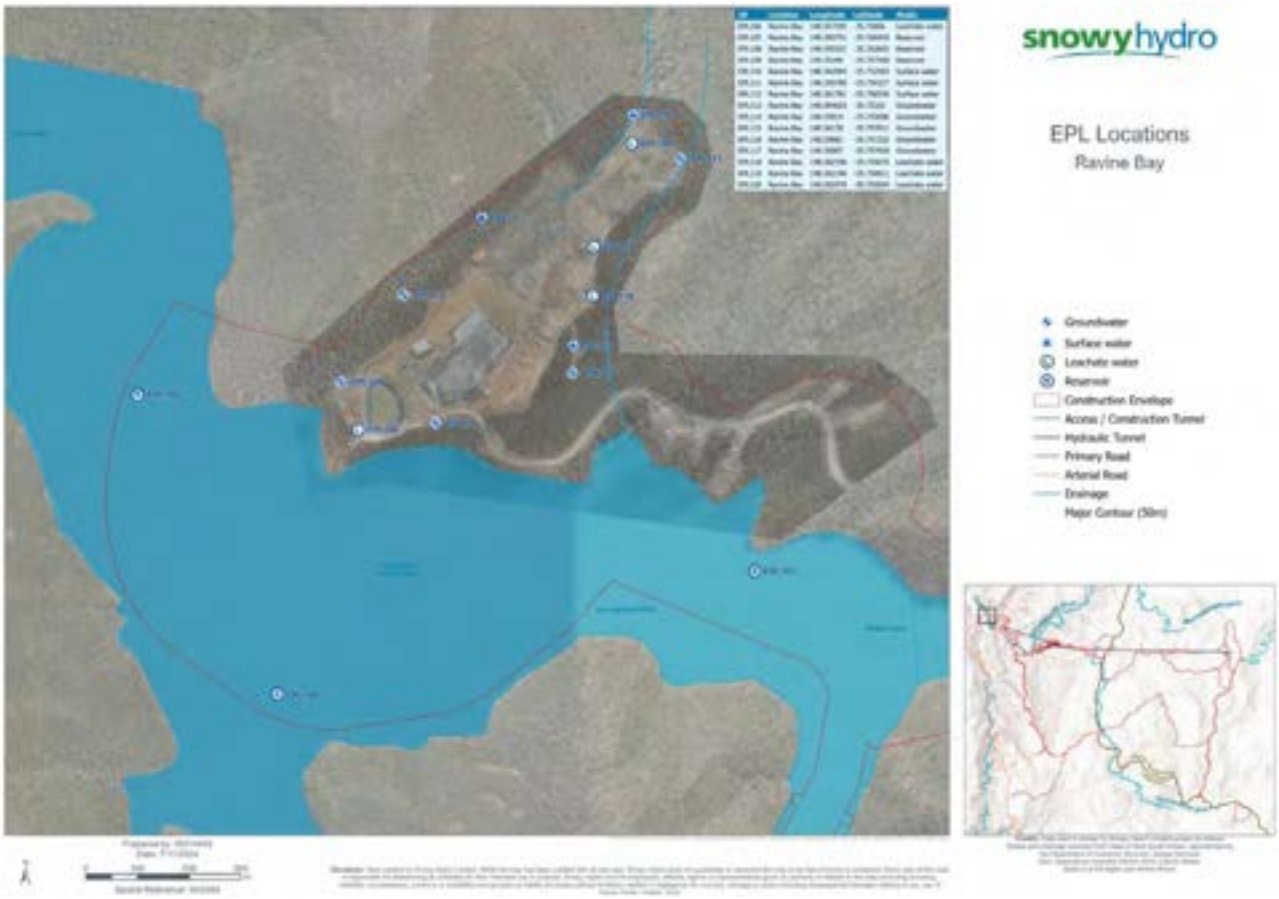
vi. Implement groundwater monitoring bore suitability review at groundwater locations.

vii. Refine resource allocation to include further data and reporting abilities for environmental reporting across the Project.

APPENDIX A – SNOWY 2.0 – EPL SAMPLING LOCATIONS

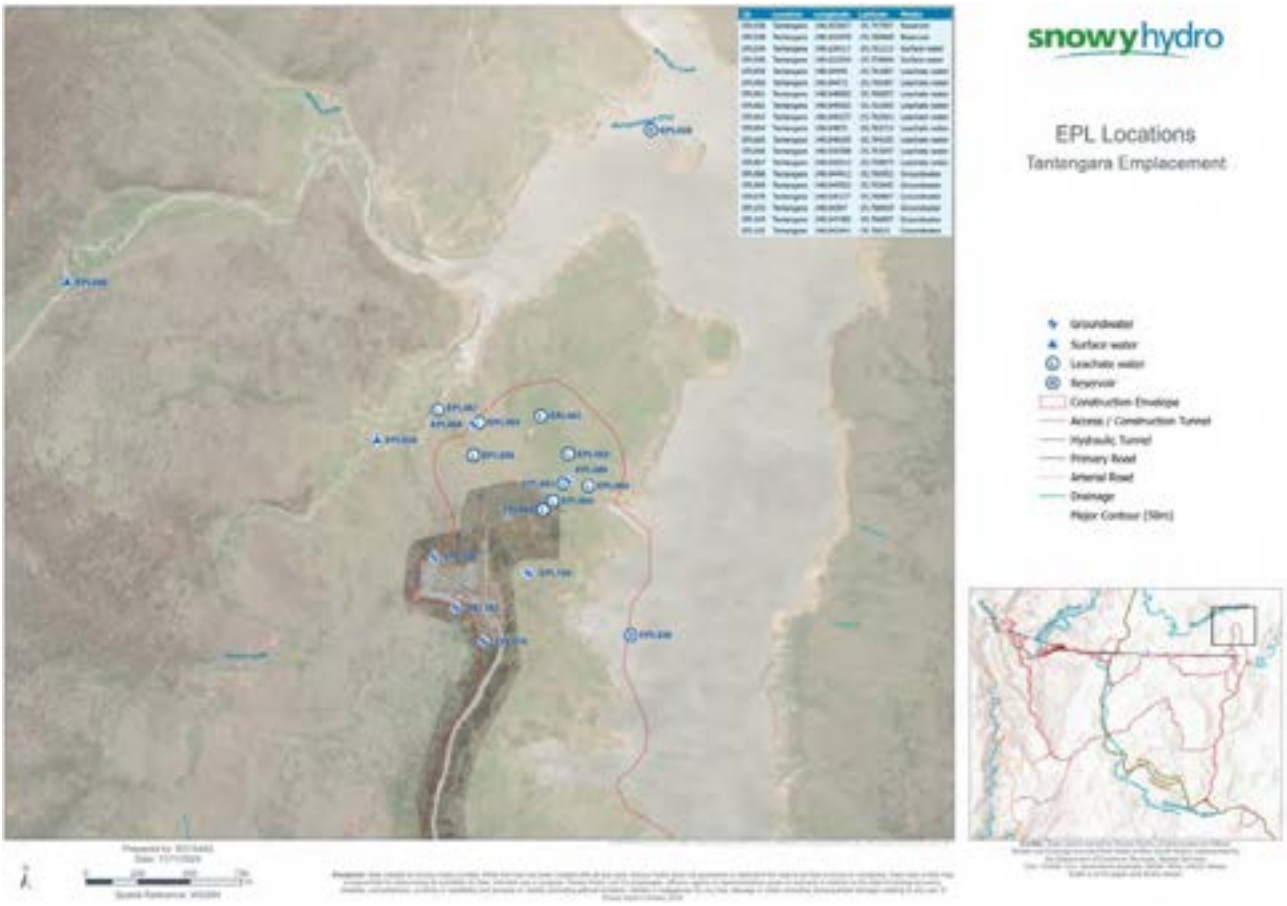
LOBS HOLE

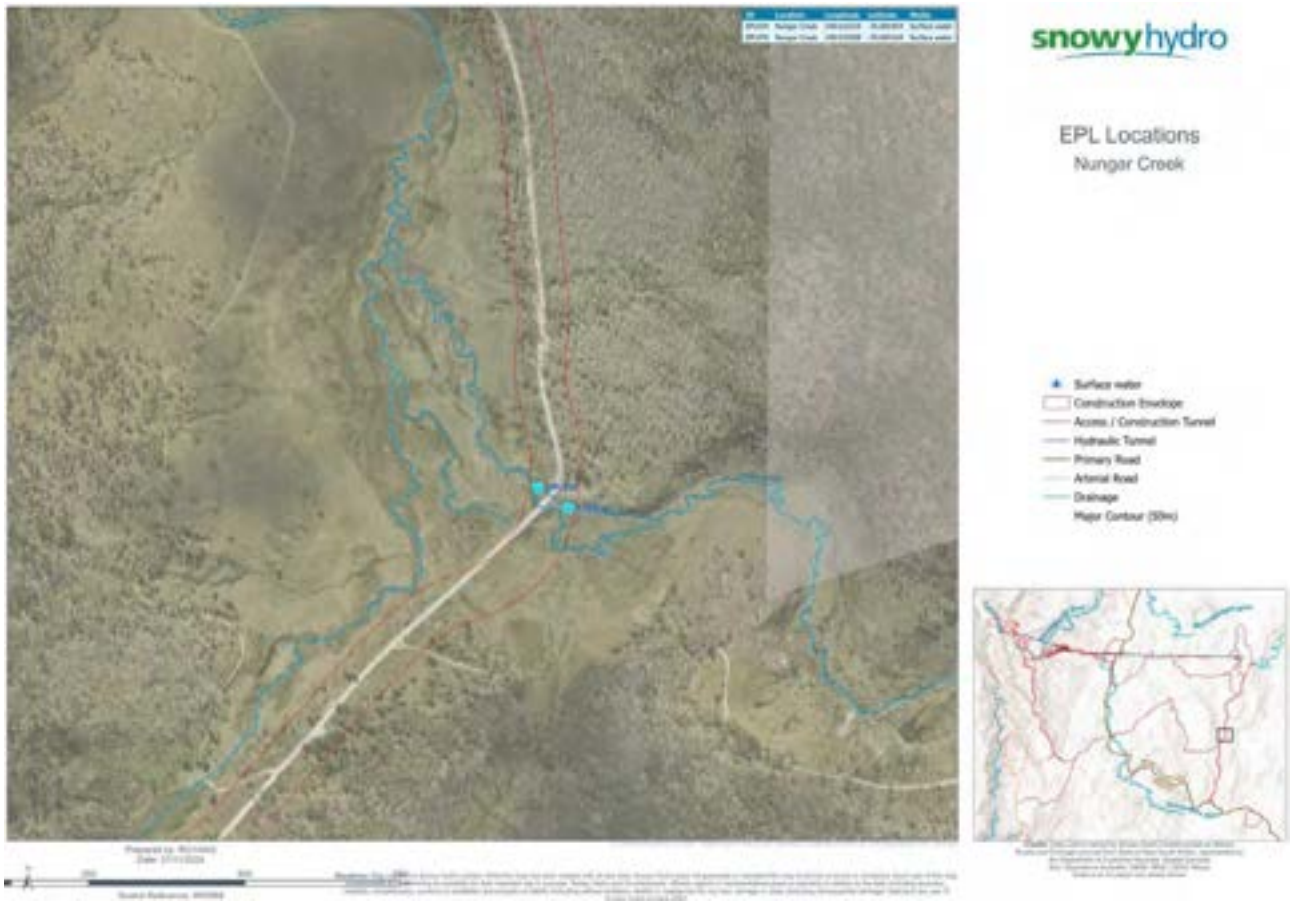
snowyhydro
EPL Locations
GF01
Construction Envelope
Groundwater
Surface water
Leachate water
Access / Construction Tunnel
Hydraulic Tunnel
Primary Road
Arterial Road
Drainage
Major Contour (50m)


snowyhydro
EPL Locations
Ravine Bay
Groundwater
Surface water
Leachate water
Reservoir
Construction Envelope
Access / Construction Tunnel
Hydraulic Tunnel
Primary Road
Arterial Road
Drainage
Major Contour (50m)

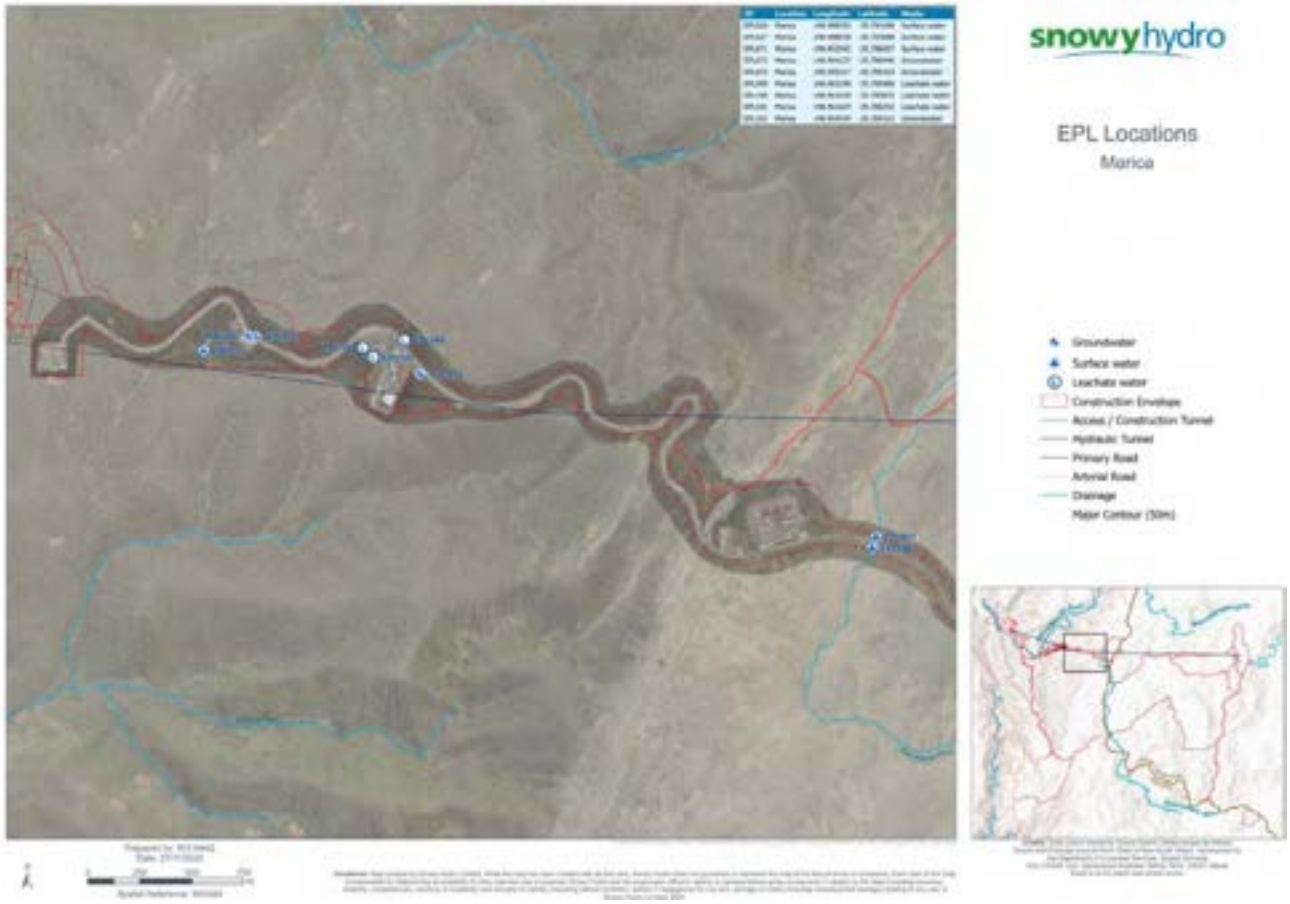
TANTANGARA

snowyhydro
EPL Locations
Tantangara
Surface water
Diffusion Point
Reservoir
STP - Inflow Vol
WTP - Inflow Vol
WTP - Discharge Point
Construction Envelope
Access / Construction Tunnel
Hydraulic Tunnel
Primary Road
Arterial Road
Drainage
Major Contour (50m)

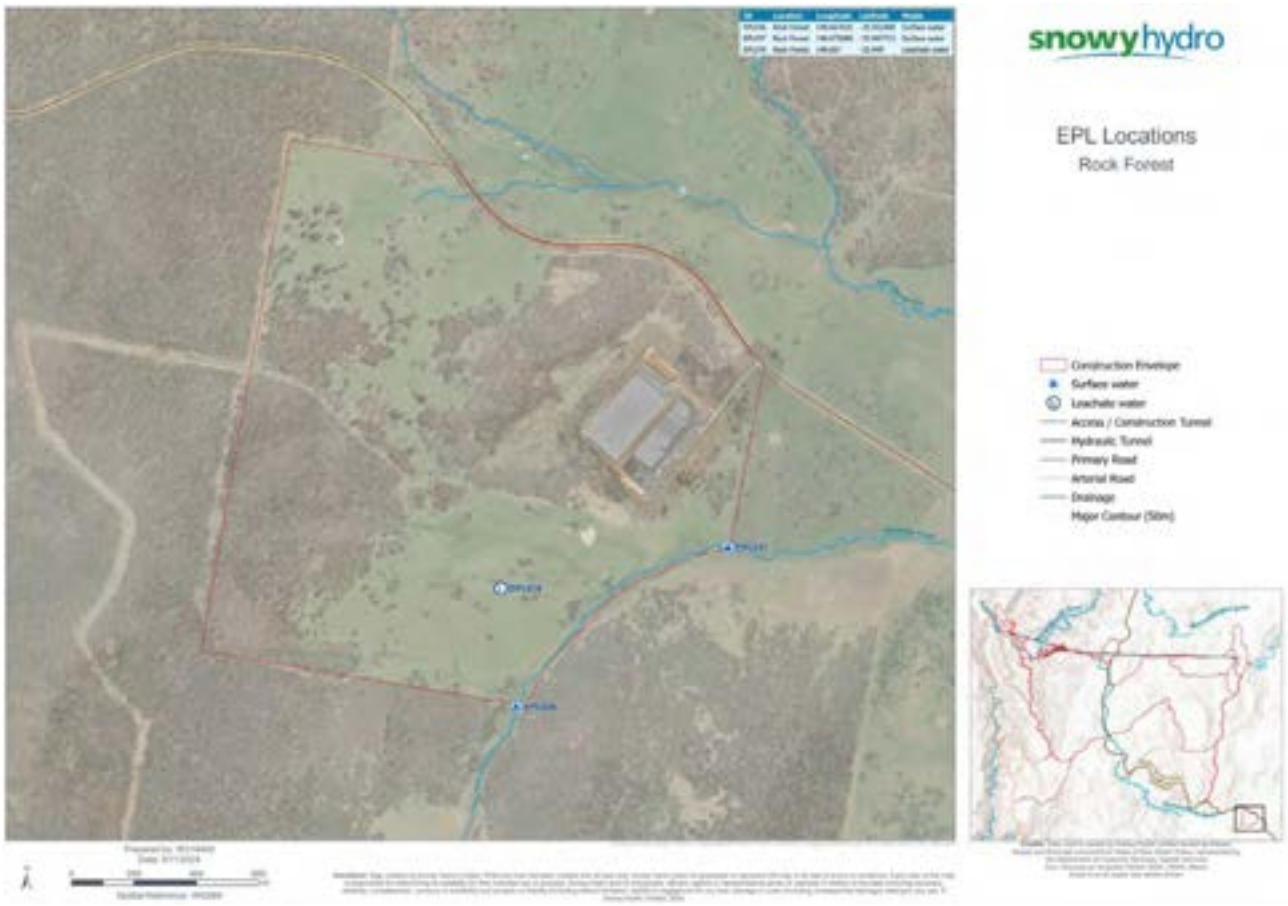

snowyhydro
EPL Locations
Tantangara Emplacement
Groundwater
Surface water
Leachate water
Reservoir
Construction Envelope
Access / Construction Tunnel
Hydraulic Tunnel
Primary Road
Arterial Road
Drainage
Major Contour (50m)


snowyhydro
EPL Locations
Nungar Creek
Surface water
Construction Envelope
Access / Construction Tunnel
Hydraulic Tunnel
Primary Road
Arterial Road
Drainage
Major Contour (50m)

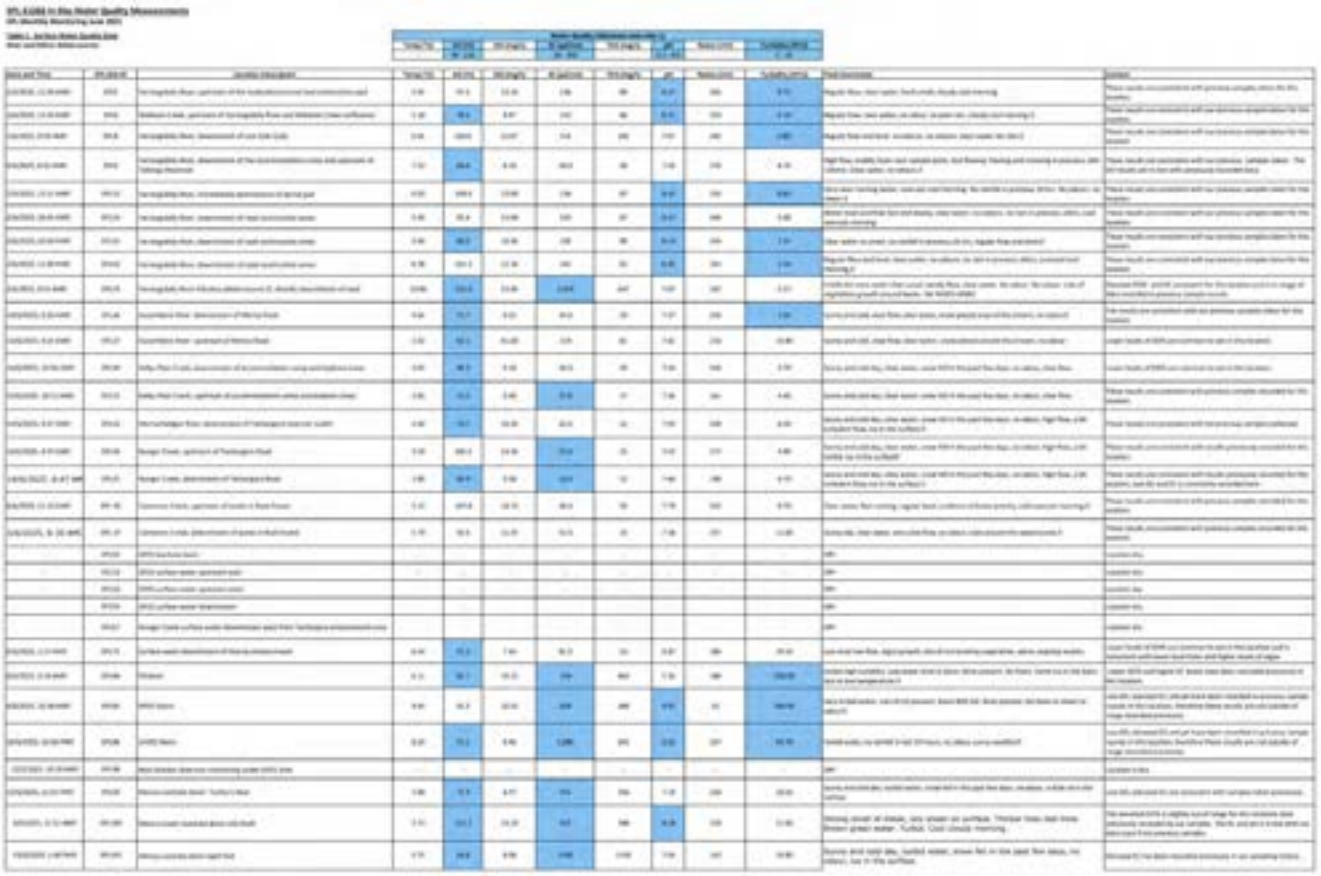
MARICA

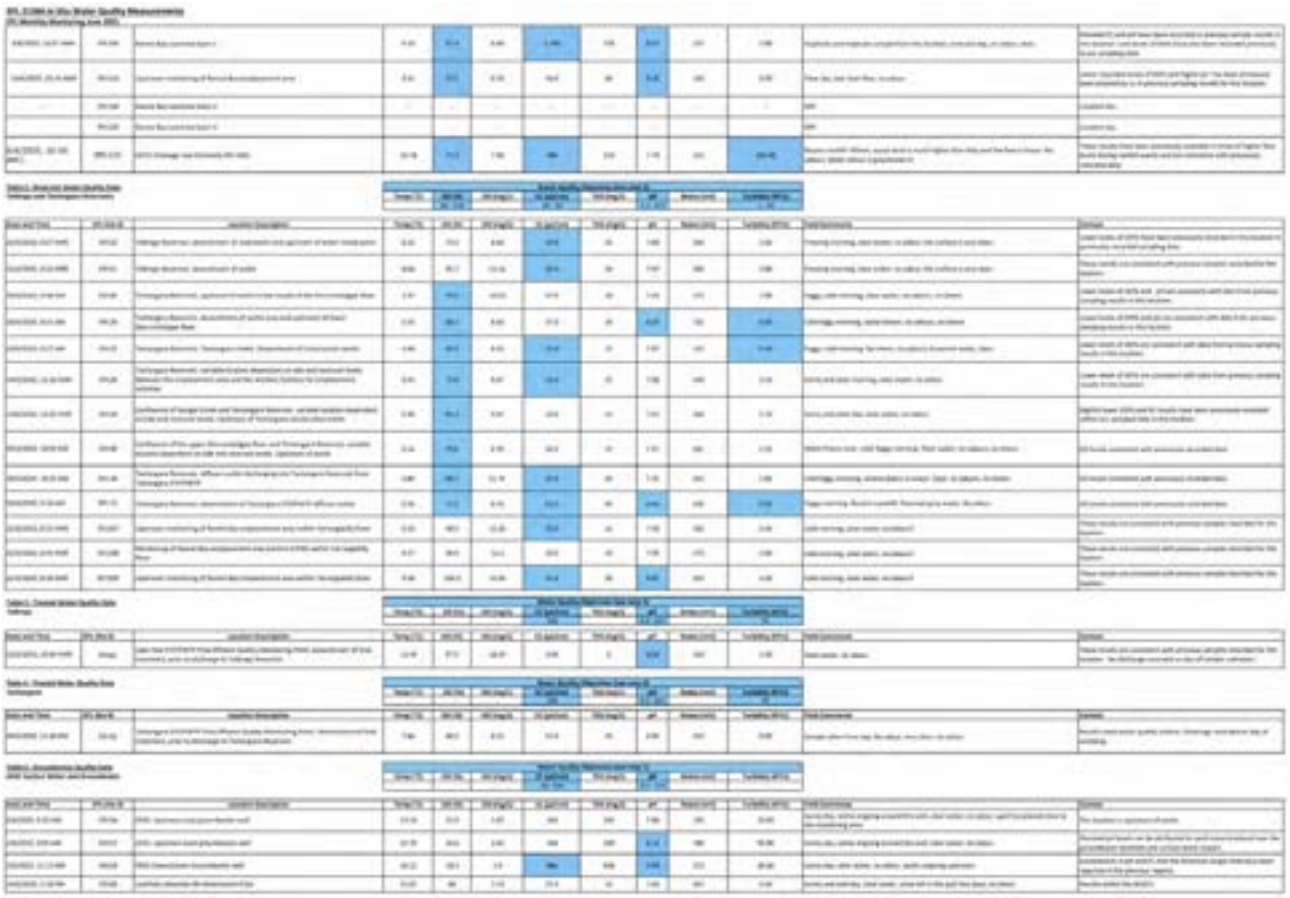

snowyhydro
EPL Locations
Marica
Groundwater
Surface water
Leachate water
Construction Envelope
Access / Construction Tunnel
Hydraulic Tunnel
Primary Road
Arterial Road
Drainage
Major Contour (50m)

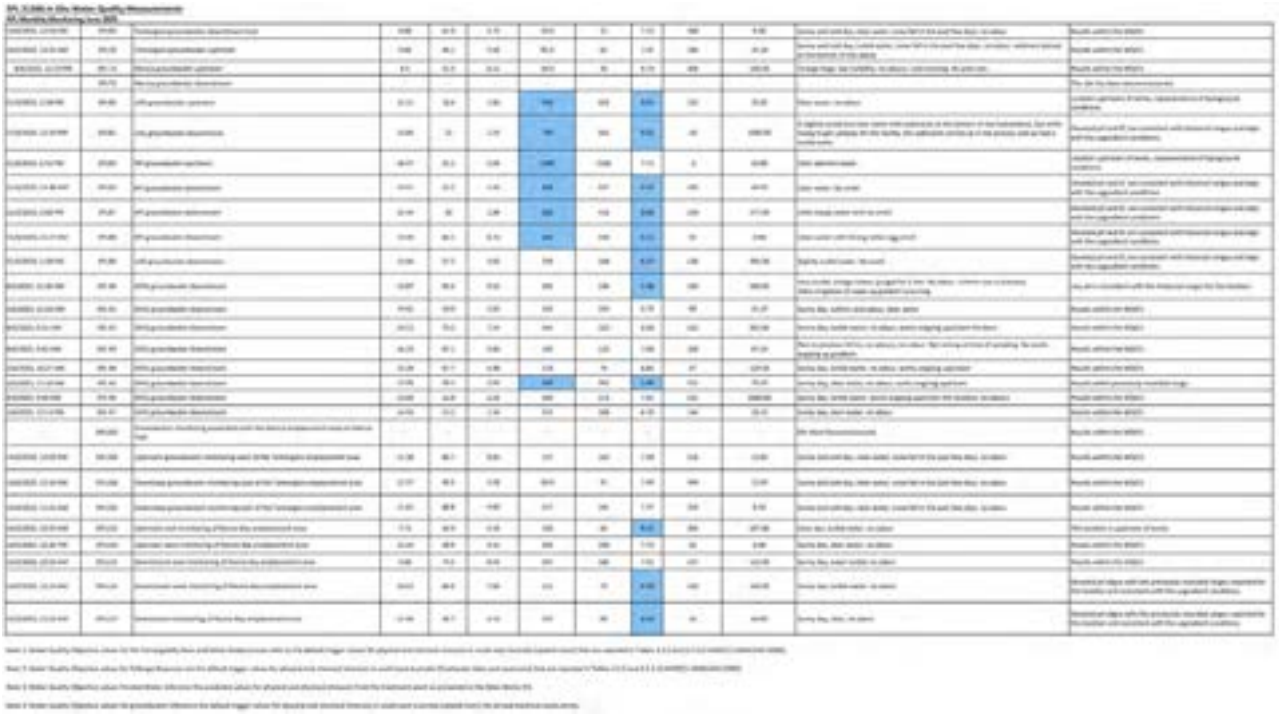
ROCK FOREST


snowyhydro
EPL Locations
Rock Forest
Construction Envelope
Surface water
Leachate water
Access / Construction Tunnel
Hydraulic Tunnel
Primary Road
Arterial Road
Drainage
Major Contour (50m)

APPENDIX B – EPL RESULTS TABLES







Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 30 June 2025

Environmental Protection Licence No:	21266
Licensee:	Snowy Hydro Limited
Licensee address:	PO Box 332, Cooma, NSW 2630
Premises:	Snowy 2.0 Pumped Hydro Power Station Talbingo and Tantangara, Kosciuszko National Park and Rock Forest, Kosciuszko NSW 2642
EPA Public Register:	https://apps.epa.nsw.gov.au/prpregister/ViewLicence.aspx?currmode=1&modid=1&id=21266&version=&exportpdf=&range=&fromDate=&toDate=&groups=&searchword=

Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No 21266 - Variation 20 December 2024, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.

A map showing the location of each of the EPL named sampling points is provided after the results tables.

Groundwater Results:

Results for groundwater bores surrounding Lick Hole Gully have reported elevated concentrations of nutrients and select dissolved heavy metals. These heavy metals have been reported previously as being above adopted WQO's.

Increasing levels of nutrients have been reported at EPL16 and EPL17, similar to results reported down gradient of GP01. This may indicate that these bores are no longer representative of up gradient water quality. Investigations are underway to redrill EPL16 and EPL17 in more suitable locations.

Reservoir Results:

Increases in nutrients (particularly ammonia) in Tantangara Reservoir observed this month (EPL28, 29, 32, 38, 40, 46, 51) are likely associated with decomposition of algal biomass generated during the summer months, exacerbated by low water levels.

Detection of thermotolerant coliforms in in Talbingo Reservoir (51 CFU/100mL at EPL11) is within the 90th percentile concentration limits and likely attributable to wildlife.

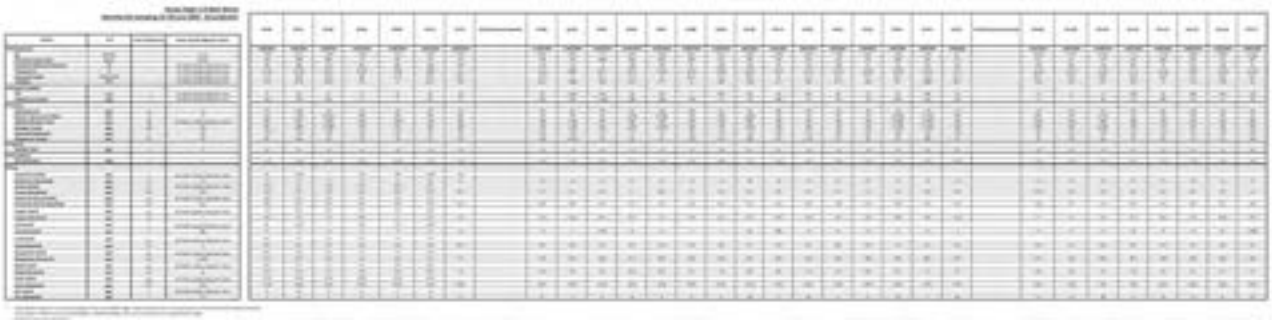
Surface Water Results:

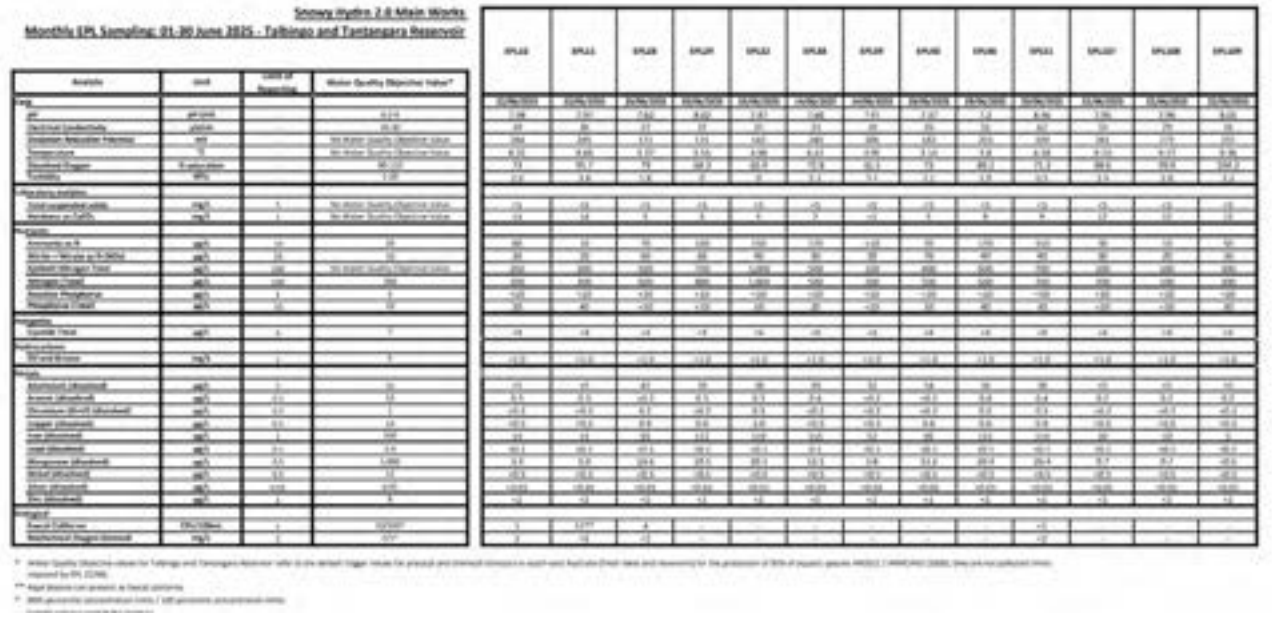
Exceedances in nutrients and conductivity have been reported at EPL24 and EPL122, consistent with previously recorded data. These sites have low flow and water level which contributes to the high concentrations. Increases in nutrients at EPL10 was also observed, consistent with increases in nutrients at the upstream locations in the Tantangara reservoir. As expected, exceedances were noted in leachate storage infrastructure.

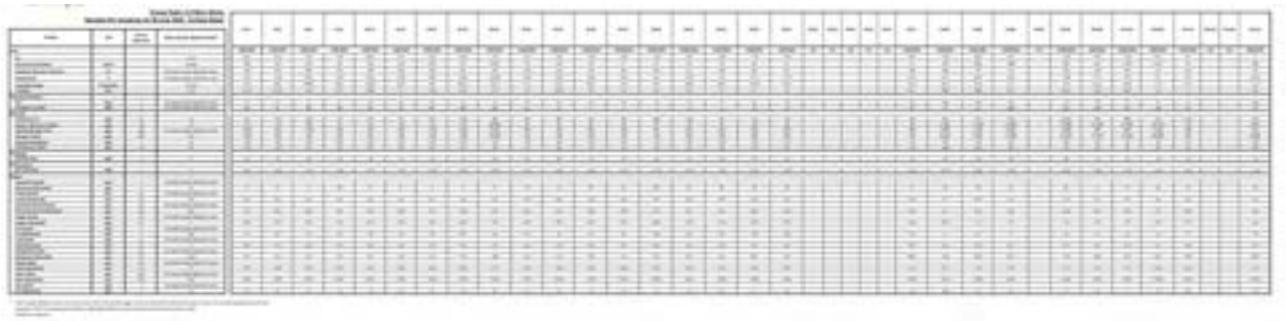
Discharge Results:

Results for the discharge locations met the adopted WQO's for the periods of discharge. A minor exceedance in pH was detected on the day of testing (15/06/2025) at EPL41, with no recorded discharge occurring on this day.

The publication of this pollution monitoring data is carried out in accordance with section 66 (6) of the Protection of the Environment Operations Act 1997 (NSW).
Snowy Hydro Limited gives no warranty or representation regarding the data suitability for any particular purpose.
Snowy Hydro Limited excludes all liability to any person for loss or damage of any kind (however caused, including but not limited to by negligence) arising whether directly or indirectly from or relating in any way to the use of this data, whether in whole or in part.







Monthly EPL Sampling: 01-30 June 2025 - Discharge Water

Analyte	Unit	Limit of Reporting	Water Quality Objective Value*	EPL 41	EPL 43	EPL 44	EPL 45	EPL 47	EPL 48	EPL 49	EPL 50
Flow Rate				15/06/2025							29/06/2025
Inflow[2]	ML/day	-	-	-	0.0000	0.2339	0.0643	0.2230	0.0793	0.1703	-
Outflow[2]	ML/day	-	4.32 (EPL 43 / 50)	-	-	-	-	-	-	-	-
Field											
pH	pH Unit	-	6.5-8.5	8.58	-	-	-	-	-	-	6.85
Electrical Conductivity	µS/cm	-	700 (EPL 43) / 300 (EPL 50)	4	-	-	-	-	-	-	51
Oxidation Reduction Potential	mV	-	No Water Quality Objective Value	216	-	-	-	-	-	-	313
Temperature	°C	-	35	11.69	-	-	-	-	-	-	7.86
Dissolved Oxygen	% saturation	-	No Water Quality Objective Value	97	-	-	-	-	-	-	68.2
Turbidity	NTU	-	<25	1.3	-	-	-	-	-	-	0
Laboratory analytes											
Total suspended solids	mg/L	5	5/10	<5	-	-	-	-	-	-	<5
Hardness as $CaCO_3$	mg/L	1	No Water Quality Objective Value	<1	-	-	-	-	-	-	<1
Nutrients											
Ammonia as N	µg/L	10	200/2000*	<10	-	-	-	-	-	-	50
Nitrite + Nitrate as N (NOx)	µg/L	10	10	90	-	-	-	-	-	-	<10
Kjeldahl Nitrogen Total	µg/L	100	No Water Quality Objective Value	<100	-	-	-	-	-	-	400
Nitrogen (Total)	µg/L	100	300/-^	<100	-	-	-	-	-	-	400
Reactive Phosphorus	µg/L	1	No Water Quality Objective Value	<10	-	-	-	-	-	-	<10
Phosphorus (Total)	µg/L	10	100/300*	<10	-	-	-	-	-	-	<10
Inorganics											
Cyanide Total	µg/L	4	No Water Quality Objective Value	<4	-	-	-	-	-	-	26
Hydrocarbons											
Oil and Grease	mg/L	1	3/5*	<1.0	-	-	-	-	-	-	<1.0
Metals											
Aluminium (dissolved)	µg/L	5	55	<5	-	-	-	-	-	-	<5
Arsenic (dissolved)	µg/L	0.2	13	<0.2	-	-	-	-	-	-	<0.2
Chromium (III+VI) (dissolved)	µg/L	0.2	1	<0.2	-	-	-	-	-	-	0.8
Copper (dissolved)	µg/L	0.5	14	<0.5	-	-	-	-	-	-	<0.5
Iron (dissolved)	µg/L	2	300	<2	-	-	-	-	-	-	<2
Lead (dissolved)	µg/L	0.1	3.4	<0.1	-	-	-	-	-	-	<0.1
Manganese (dissolved)	µg/L	0.5	1,900	<0.5	-	-	-	-	-	-	<0.5
Nickel (dissolved)	µg/L	0.5	11	<0.5	-	-	-	-	-	-	<0.5
Silver (dissolved)	µg/L	0.01	0.05	<0.01	-	-	-	-	-	-	<0.01
Zinc (dissolved)	µg/L	1	8	<1	-	-	-	-	-	-	<1
Biological											
Faecal Coliforms	CFU/100mL	1	30/300*	<1	-	-	-	-	-	-	<1
Biological Oxygen Demand	mg/L	2	5	<2	-	-	-	-	-	-	<2

Note: Treated water was not being discharged at Talbingo Reservoir at the time of EPL sampling.
There is no 100th percentile limit for Nitrogen (Total).

* Water Quality Objective values Treated Water reference the predicted values for physical and chemical stressors from the treatment plant as presented in the Main Works EIS.

\- Samples not required

^ 90 Percentile concentration limit/100 Percentile limit

\# Inflows to ETP and CWTP do not directly correspond to outflow at RO as much of the water is reused on site

Snowy Hydro 2.0 Main Works
Monthly EPL Sampling: 01-30 June 2025 - Volumes

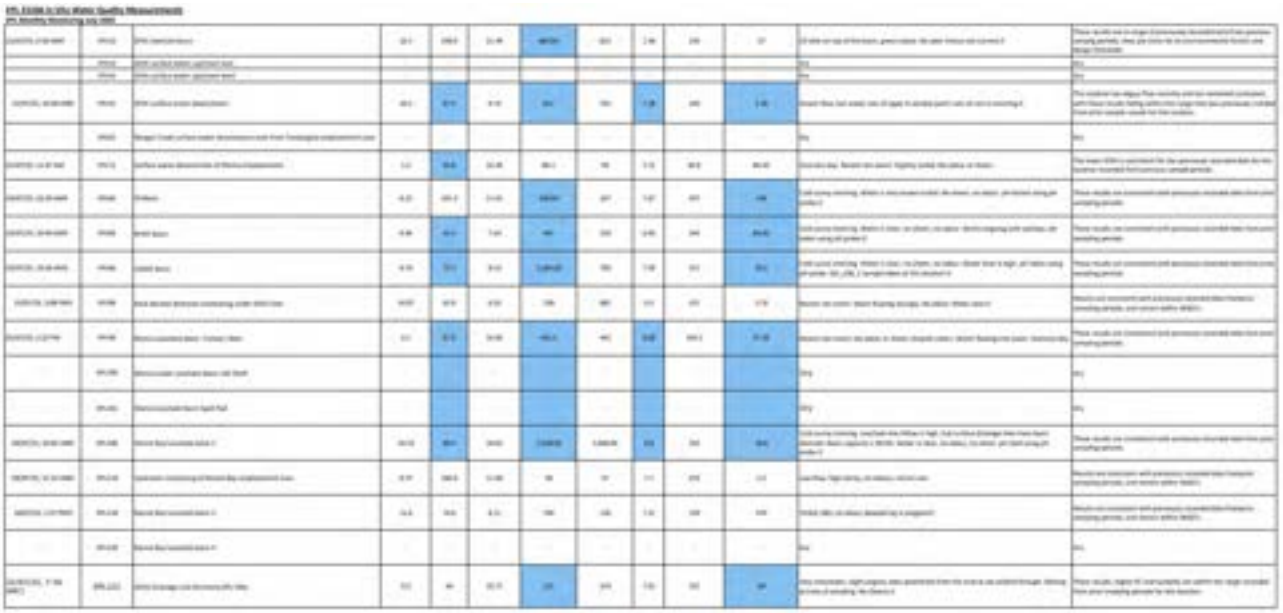
Date	EPL 43 *	EPL 50 *	EPL 44	EPL 45	EPL 47	EPL 48	EPL 49
	Discharge volume (Megalitres)		Discharge volume (Megalitres)				
1/06/2025	-	-	0.29	0.04	0.23	0.04	0.75
2/06/2025	-	-	0.51	0.05	0.19	0.13	0.71
3/06/2025	-	-	0.42	0.05	0.17	0.09	0.69
4/06/2025	0.76	-	0.40	0.04	0.16	0.09	0.63
5/06/2025	-	-	0.20	0.02	0.20	0.06	0.09
6/06/2025	-	0.53	0.01	0.06	0.30	0.10	0.29
7/06/2025	-	0.08	0.67	0.06	0.17	0.10	0.73
8/06/2025	-	0.11	0.48	0.07	0.27	0.08	0.61
9/06/2025	-	0.31	0.41	0.06	0.23	0.07	0.48
10/06/2025	-	0.50	0.36	0.10	0.23	0.08	0.32
11/06/2025	1.32	-	0.12	0.07	0.25	0.08	0.63
12/06/2025	-	-	0.14	0.10	0.32	0.11	0.66
13/06/2025	-	0.39	0.13	0.03	0.10	0.04	0.31
14/06/2025	-	0.92	0.24	0.07	0.25	0.09	0.46
15/06/2025	-	0.18	0.03	0.06	0.21	0.07	0.16
16/06/2025	-	0.34	0.04	0.06	0.20	0.06	0.08
17/06/2025	-	0.26	0.04	0.07	0.23	0.08	0.11
18/06/2025	-	0.05	0.03	0.07	0.38	0.07	0.11
19/06/2025	1.65	0.08	0.02	0.07	0.06	0.07	0.03
20/06/2025	-	-	0.01	0.07	0.23	0.08	0.02
21/06/2025	-	0.35	0.04	0.08	0.24	0.08	0.09
22/06/2025	-	-	0.16	0.07	0.22	0.08	0.06
23/06/2025	-	0.52	0.29	0.11	0.21	0.05	0.01
24/06/2025	0.39	0.76	0.25	0.07	0.21	0.08	0.02
25/06/2025	-	0.66	0.39	0.08	0.23	0.08	0.03
26/06/2025	-	0.63	0.39	0.07	0.32	0.08	0.002
27/06/2025	0.59	1.00	0.20	0.07	0.18	0.08	0.001
28/06/2025	-	0.60	0.03	0.07	0.26	0.09	0.0004
29/06/2025	0.40	0.40	0.30	0.06	0.24	0.09	0.001
30/06/2025	0.23	0.89	0.39	0.06	0.22	0.07	0.002

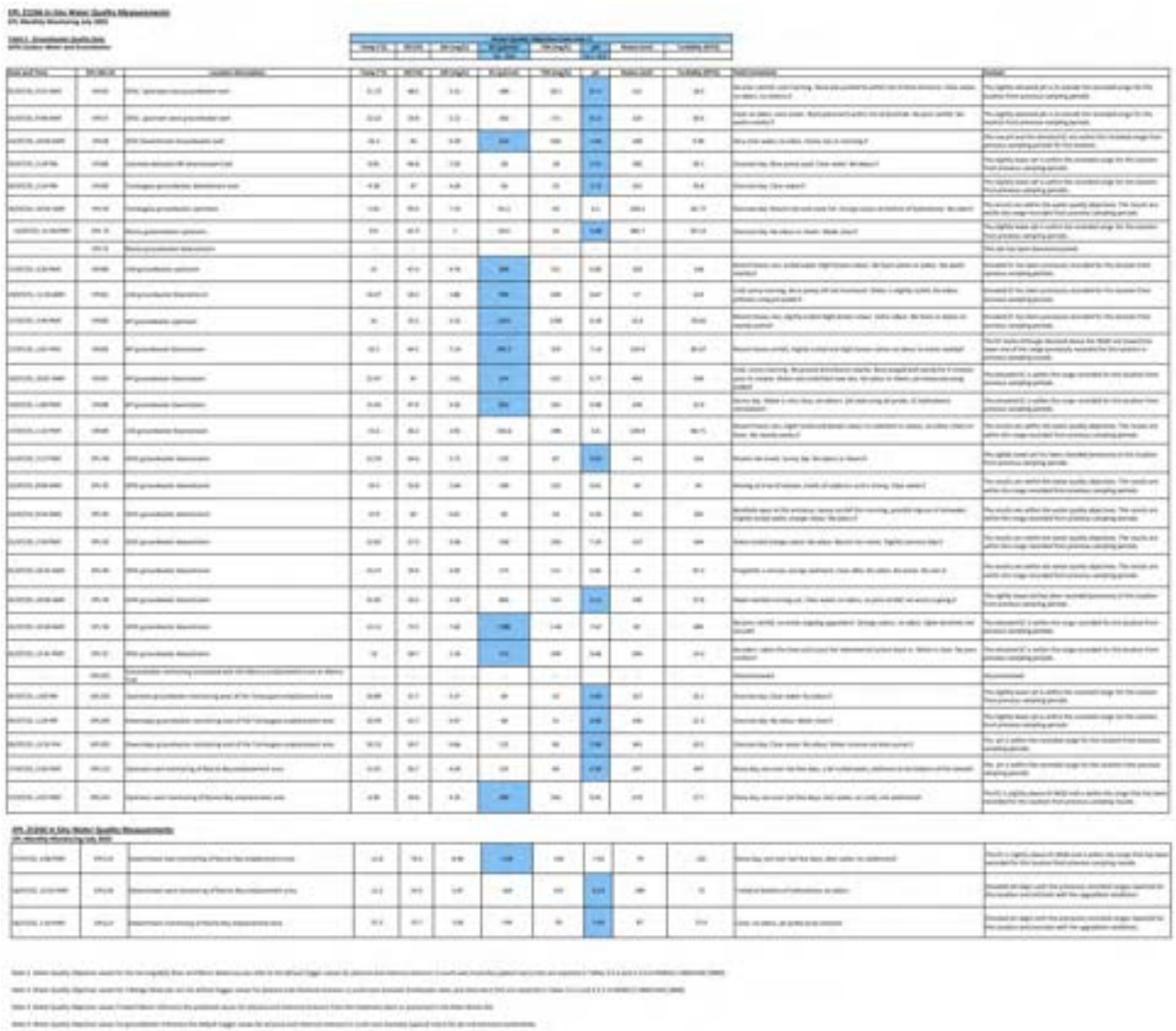
Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month.

* The maximum flow rate capacity for Lobs Hole STP/PWTP during the reporting month was 7.75 L/s

* The maximum flow rate capacity for Tantangara STP/PWTP during the reporting month was 7.63 L/s

- Water not discharged on this day





Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 31 July 2025

future generation

Environmental Protection Licence No:	11366
Licensee:	Snowy Hydro Limited
Licensee address:	PO Box 332, Cooma, NSW 2630
Premises:	Snowy 2.0 Pumped Hydro Power Station Tyllebigal and Tantangara, Kosciuszko National Park and Rock Forest, Kosciuszko NSW 2642
EPA Public Register:	https://apps.epa.nsw.gov.au/prpoeoapp/DetailLoad.html?id=11366&option=&region=&lga=&ppa=&service=&type=&keyword=&suburb=&status=Issued

Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No.11366 - Variation 23 July 2025, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.

A map showing the location of each of the EPL named sampling points is provided after the results tables.

Groundwater Results:

EPL04 has elevated concentrations of total nitrogen (TN) at 488µg/L, but the downgradient locations recorded increased concentrations of EPL07 of 3080µg/L, and EPL08 at 32,400 µg/L. EPL07 and EPL08 have increased significantly, and it is evident in the results that the TN has risen as we get further down the watercourse. The phosphorus has not increased in the same trends seen for TN, although they are above the WQO's, they are not linear in their values. EPL05 which is measured at similar depths to EPL08 slightly lower exceedances but similar concentrations for TN.

The results for TN within Tantangara groundwater sampling locations EPL08, 08, 103, 104, 1051 are all exceeding with differing levels, none of which are linear or displaying obvious trends displaying correlation between upgradient and down gradient locations.

The reported elevated concentrations for ground water locations within Lichfield Gully have previously been recorded above the WQO's for TN

Select heavy metals have been reported for multiple sites as above WQO's. More specifically, DP01 (Nickel, Zinc, Copper, Iron, and Arsenic – all dissolved), Lichfield Gully (Arsenic, Chromium, Copper, Iron, Nickel, and Zinc), Ravine Bay (Aluminium, Chromium, Copper, Zinc).

Reservoir Results:

The results for Tyllingo reservoir returned concentrations that indicate the environmental conditions are consistent with the ambient conditions. Although Ammonia has indicated an exceedance at EPL107, it is within the objectives for the other locations up and down stream for the reservoir. All other parameters have been recorded within the WQO's, other than the Nitrite and Nitrates which are slightly above, although the Total Nitrogen is below the objectives.

For Tantangara Reservoir there are more nutrient levels exceeding our WQO's for most locations sampled within the area. Ammonia is slightly exceeding for all locations but EPL20 and EPL40, which is upstream of construction. Total Nitrogen, Reactive and Total Phosphorus have exceeded for most of the locations on the reservoir. Aluminium is the only metal that has returned concentrations above the WQO's for the locations on the reservoir. These concentration levels for parameters exceeding the WQO's have been recorded from previous sample periods for these locations.

Surface Water Results:

EPL24 has returned elevated concentrations of TN although all other parameters except for Zinc have identified all other parameters have met the WQO's for this location. Locations along the natural water ways of the Murrumbidgee River, Nungar creek, and Eucumbene River have returned slight exceedances for TN, Phosphorus, and some select heavy metals. EPL12 and EPL151 located within the GFDS area have returned exceedances for TN at levels that have been recorded and reported on from previous sampling periods. There are a few select heavy metals that are also exceeding for these locations, however EPL151 is below EPL12 in location, and as such is showing lesser concentration volumes than EPL12.

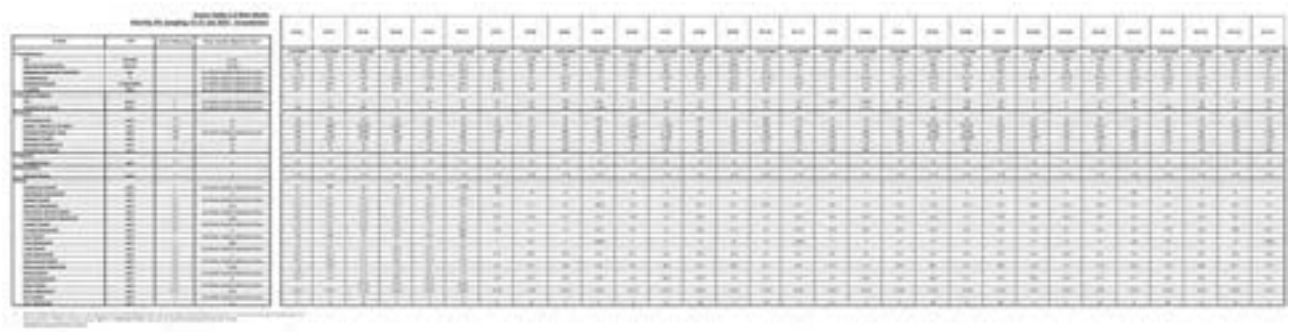
Discharge Results:

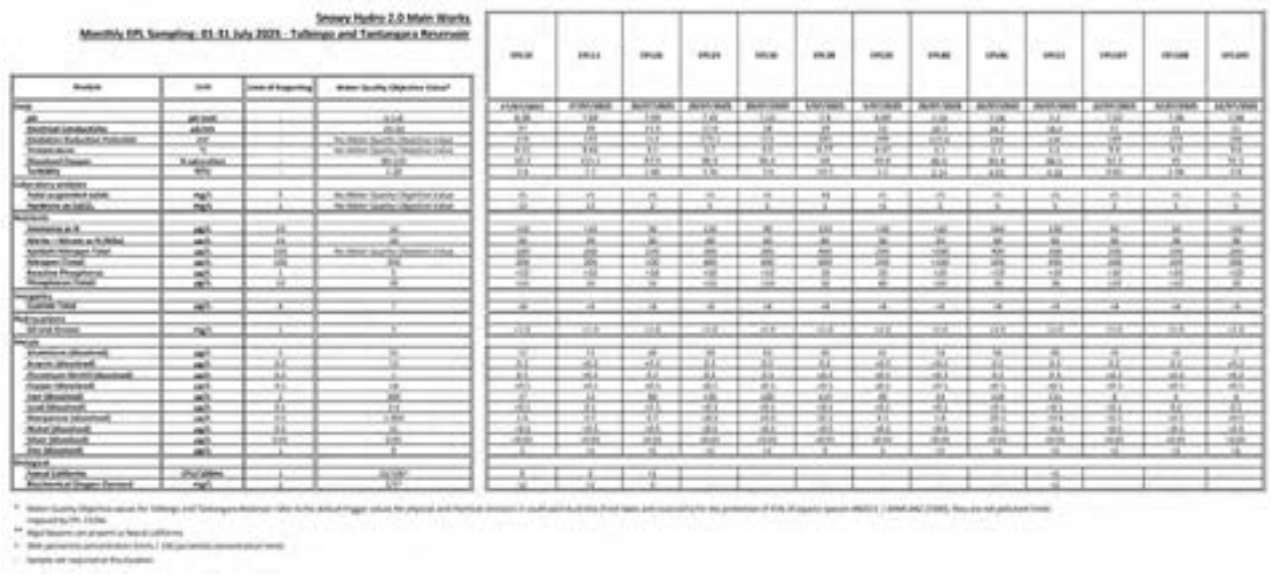
Results for the discharge locations met the adopted Water Quality Objectives (WQO's) during the discharge periods.

The publication of this pollution monitoring data is carried out in accordance with section 66 (6) of the Protection of the Environment Operations Act 1997 (NSW).

Snowy Hydro Limited gives no warranty or representation regarding the data suitability for any particular purpose.

Snowy Hydro Limited excludes all liability to any person for loss or damage of any kind (however caused, including but not limited to by negligence) arising whether directly or indirectly from or relating in any way to the use of this data, whether in whole or in part.





Snowy Hydro 2.0 Main Works
Monthly EPL Sampling: 01-31 July 2021 - Tallimgo and Tantangara Reservoir

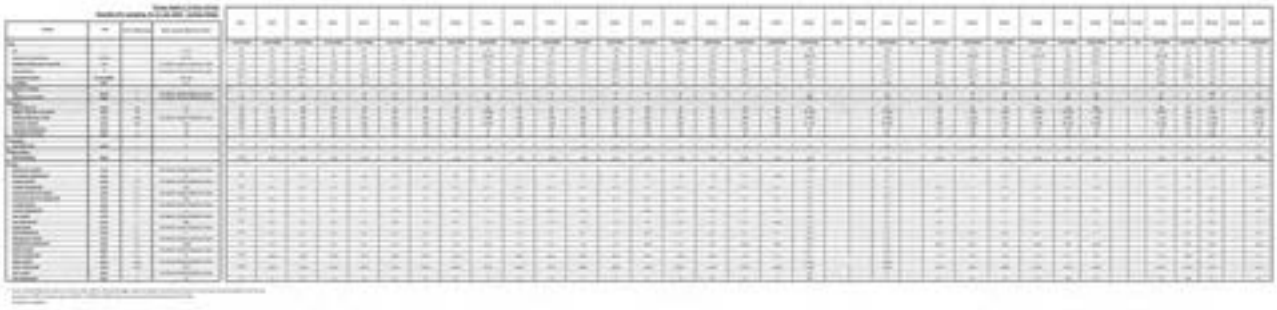
Analyte	Unit	Limit of Reporting	Water Quality Objective Value*
Temp			
pH	pH Unit	-	6.5-8
Electrical conductivity	µS/cm	-	20-30
Oxidation Reduction Potential	mV	-	No Water Quality Objective Value
Turbidity	NTU	-	0-20
Nutrients			
Ammonia as N	µg/L	10	20
Nitrite + Nitrate as N (filter)	µg/L	25	100
Kjeldahl Nitrogen Total	µg/L	100	No Water Quality Objective Value
Nitrogen (Total)	µg/L	100	350
Reactive Phosphorus	µg/L	1	5
Phosphorus (Total)	µg/L	10	20
Inorganics			
Cyanide Total	µg/L	4	7
Microbiology			
E.coli (Enterolert)	mpn	1	0
Metals			
Aluminium (dissolved)	µg/L	5	55
Arsenic (dissolved)	µg/L	0.1	13
Cadmium (0.2um) (dissolved)	µg/L	0.1	0.2
Copper (dissolved)	µg/L	0.5	1.4
Iron (dissolved)	µg/L	5	300
Lead (dissolved)	µg/L	0.5	3.4
Manganese (dissolved)	µg/L	0.5	1,900
Nickel (dissolved)	µg/L	0.5	11
Silver (dissolved)	µg/L	0.05	0.05
Zinc (dissolved)	µg/L	5	8
Biological			
Faecal Coliforms	CFU/100ml	1	14/100*
Enterococci (Faecal Streptococci)	mpn	1	0.01*

Temp													
pH	8.39	7.84	7.99	7.45	7.55	7.9	8.09	7.99	7.96	7.9	7.92	7.96	7.98
Electrical conductivity	47	49	41.5	32.9	28	29	32	28.7	28.7	28.7	31	31	31
Oxidation Reduction Potential	218	193	213	229.1	213	207	208	223.6	193	214	189	213	209
Turbidity	9.2	9.82	9.2	5.7	9.2	8.19	9.37	9.1	9.7	9.7	9.9	9.2	9.2
Dissolved Oxygen	97.7	97.1	97.9	96.3	96.3	94	95.8	96.3	95.8	96.3	97.7	95	94.3
Turbidity	0.9	1.1	1.46	1.76	0.9	0.7	1.1	0.39	0.59	0.58	0.92	0.78	0.9
Laboratory analysis													
Pulse oxygenated water	mg/L	5	No Water Quality Objective Value										
Hardness as CaCO3	mg/L	5	No Water Quality Objective Value										
Nutrients													
Ammonia as N	µg/L	10	20										
Nitrite + Nitrate as N (filter)	µg/L	25	100										
Kjeldahl Nitrogen Total	µg/L	100	No Water Quality Objective Value										
Nitrogen (Total)	µg/L	100	350										
Reactive Phosphorus	µg/L	1	5										
Phosphorus (Total)	µg/L	10	20										
Inorganics													
Cyanide Total	µg/L	4	7										
Microbiology													
E.coli (Enterolert)	mpn	1	0										
Metals													
Aluminium (dissolved)	µg/L	5	55										
Arsenic (dissolved)	µg/L	0.1	13										
Cadmium (0.2um) (dissolved)	µg/L	0.1	0.2										
Copper (dissolved)	µg/L	0.5	1.4										
Iron (dissolved)	µg/L	5	300										
Lead (dissolved)	µg/L	0.5	3.4										
Manganese (dissolved)	µg/L	0.5	1,900										
Nickel (dissolved)	µg/L	0.5	11										
Silver (dissolved)	µg/L	0.05	0.05										
Zinc (dissolved)	µg/L	5	8										
Biological													
Faecal Coliforms	CFU/100ml	1	14/100*										
Enterococci (Faecal Streptococci)	mpn	1	0.01*										

* Water Quality Objective values for Tallimgo and Tantangara Reservoir refer to the default trigger values for physical and chemical stressors in south-east Australia (Final report, prepared for the protection of 95% of aquatic species (ANZECC / ARMCANZ (2000)). They are not indicated here.
Replaced by EPL 21266.

** Algal blooms can present as faecal coliforms

\- Not applicable for this analysis



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Snowy Hydro 2.0 Main Works

Monthly EPL Sampling: 01-31 July 2025 - Discharge Water

Analyte	Unit	Limit of Reporting	Water Quality Objective Value*	EPL 41	EPL 43	EPL 44	EPL 45	EPL 47	EPL 48	EPL 49	EPL 50
Flow Rate				6/07/2025							30/07/2025
Inflow[2]	ML/day	–	–	–	0.0000	0.1110	0.0047	0.1030	0.0017	0.0171	–
Outflow[3]	ML/day	–	9.32 (EPL 41 / 50)	–	–	–	–	–	–	–	–
Field											
pH	pH Unit	–	6.5-8.5	7.55	–	–	–	–	–	–	7.31
Electrical Conductivity	$\mu S/cm$	–	700 (EPL 41) / 200 (EPL 50)	77	–	–	–	–	–	–	87.7
Oxidation Reduction Potential	mV	–	No Water Quality Objective Value	221	–	–	–	–	–	–	115.6
Temperature	°C	–	35	12.87	–	–	–	–	–	–	6.9
Dissolved Oxygen	% saturation	–	No Water Quality Objective Value	70.8	–	–	–	–	–	–	87.3
Turbidity	NTU	–	<25	0.09	–	–	–	–	–	–	0.14
Laboratory analytes											
Total suspended solids	mg/L	5	5/50	<5	–	–	–	–	–	–	<5
Hardness as $CaCO_3$	mg/L	1	No Water Quality Objective Value	<1	–	–	–	–	–	–	<1
Nutrients											
Ammonia as N	$\mu g/L$	10	200/1000*	20	–	–	–	–	–	–	20
Nitrite + Nitrate as N (NOx)	$\mu g/L$	10	10	60	–	–	–	–	–	–	<10
Kjeldahl Nitrogen Total	$\mu g/L$	100	No Water Quality Objective Value	<100	–	–	–	–	–	–	<100
Nitrogen (Total)	$\mu g/L$	100	350*	<100	–	–	–	–	–	–	<100
Reactive Phosphorus	$\mu g/L$	1	No Water Quality Objective Value	<10	–	–	–	–	–	–	<10
Phosphorus (Total)	$\mu g/L$	10	100/300*	<10	–	–	–	–	–	–	<10
Inorganics											
Cyanide Total	$\mu g/L$	4	No Water Quality Objective Value	<4	–	–	–	–	–	–	<4
Hydrocarbons											
Oil and Grease	mg/L	1	2.5*	<1.0	–	–	–	–	–	–	<1.0
Metals											
Aluminium (dissolved)	$\mu g/L$	5	55	<5	–	–	–	–	–	–	<5
Arsenic (dissolved)	$\mu g/L$	0.2	13	<0.2	–	–	–	–	–	–	<0.2
Chromium (III+VI) (dissolved)	$\mu g/L$	0.2	3	<0.2	–	–	–	–	–	–	0.7
Copper (dissolved)	$\mu g/L$	0.5	14	<0.5	–	–	–	–	–	–	<0.5
Iron (dissolved)	$\mu g/L$	2	300	<2	–	–	–	–	–	–	<2
Lead (dissolved)	$\mu g/L$	0.1	3.4	<0.1	–	–	–	–	–	–	<0.1
Manganese (dissolved)	$\mu g/L$	0.5	1,900	<0.5	–	–	–	–	–	–	<0.5
Nickel (dissolved)	$\mu g/L$	0.5	11	<0.5	–	–	–	–	–	–	<0.5
Silver (dissolved)	$\mu g/L$	0.05	0.05	<0.05	–	–	–	–	–	–	<0.05
Zinc (dissolved)	$\mu g/L$	1	8	<1	–	–	–	–	–	–	<1
Biological											
Faecal Coliforms	$CFU/100mL$	1	10/100*	<1	–	–	–	–	–	–	<1
Biological Oxygen Demand	mg/L	2	5	<2	–	–	–	–	–	–	<2

Note: Treated water was not being discharged at Talbingo Reservoir at the time of EPL sampling.

* There is no 100th percentile limit for Nitrogen (Total).

* Water Quality Objective values Treated Water reference the predicted values for physical and chemical stressors from the treatment plant as presented in the Main Works EIS.

\- Samples not required

* 80 Percentile concentration limit/100 Percentile limit

* Inflows to STP and CWTP do not directly correspond to outflow at RO as much of the water is reused on site

Snowy Hydro 2.0 Main Works
Monthly EPL Sampling: 01-31 July 2025 - Volumes

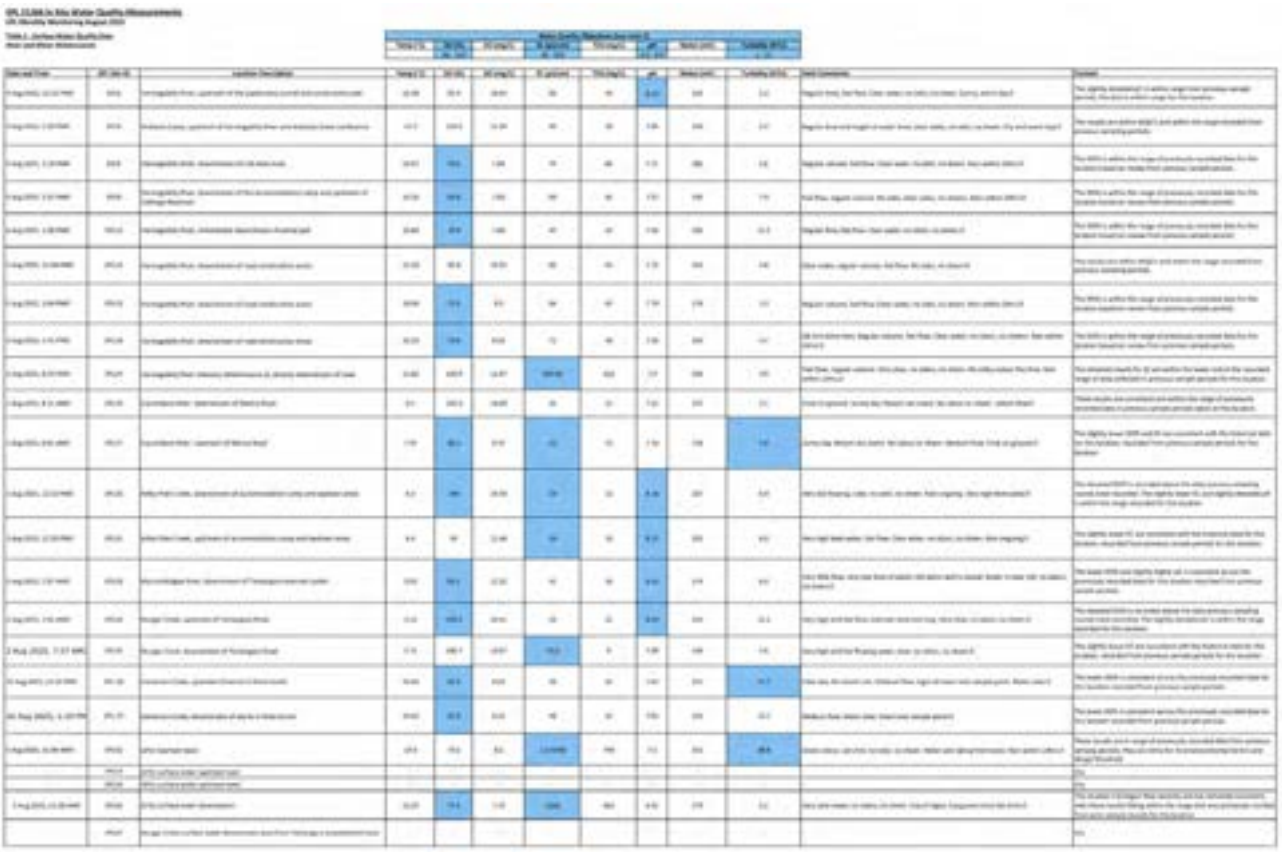
Date	EPL 43 *	EPL 50 ^	EPL 44	EPL 45	EPL 47	EPL 48	EPL 49
	Discharge volume (Megalitres)		Discharge volume (Megalitres)				
1/07/2025	0.34	-	0.01	0.06	0.23	0.07	0.002
2/07/2025	-	-	0.01	0.06	0.18	0.01	0.002
3/07/2025	0.87	0.62	0.01	0.06	0.16	0.01	0.002
4/07/2025	-	0.72	0.61	0.06	0.15	0.01	0.002
5/07/2025	-	0.68	0.14	0.04	0.36	0.30	0.03
6/07/2025	-	0.30	0.90	0.06	0.26	0.08	0.03
7/07/2025	2.11	0.92	0.41	0.06	0.20	0.14	0.05
8/07/2025	-	-	0.95	0.06	0.28	0.07	0.01
9/07/2025	-	-	0.28	0.07	0.22	0.06	0.003
10/07/2025	0.57	-	0.57	0.10	0.24	0.03	0.02
11/07/2025	0.32	-	0.15	0.05	0.22	0.10	0.23
12/07/2025	0.67	-	0.24	0.06	0.27	0.06	0.001
13/07/2025	0.70	-	0.60	0.02	0.27	0.08	0.002
14/07/2025	0.37	0.87	0.26	0.05	0.13	0.07	0.004
15/07/2025	-	0.46	0.38	0.05	0.19	0.08	0.01
16/07/2025	-	0.58	0.84	0.05	0.19	0.08	0.03
17/07/2025	0.44	0.81	0.43	0.06	0.24	0.08	0.02
18/07/2025	-	0.53	0.24	0.06	0.37	0.09	0.01
19/07/2025	-	-	0.58	0.07	0.10	0.08	0.03
20/07/2025	0.58	0.20	0.47	0.08	0.26	0.08	0.004
21/07/2025	-	0.10	0.84	0.06	0.25	0.07	0.02
22/07/2025	0.83	0.16	0.53	0.09	0.24	0.08	0.16
23/07/2025	0.46	0.84	0.43	0.12	0.24	0.07	0.08
24/07/2025	0.99	0.50	0.23	0.07	0.26	0.09	0.03
25/07/2025	-	0.53	0.52	0.09	0.26	0.13	0.004
26/07/2025	-	0.73	0.01	0.07	0.34	0.03	0.019
27/07/2025	-	0.93	0.39	0.08	0.19	0.14	0.004
28/07/2025	1.00	1.17	0.26	0.07	0.26	0.08	0.006
29/07/2025	-	1.13	0.40	0.08	0.22	0.09	0.007
30/07/2025	1.02	0.76	0.48	0.09	0.31	0.09	0.002
31/07/2025	-	0.44	0.56	0.07	0.29	0.09	0.06

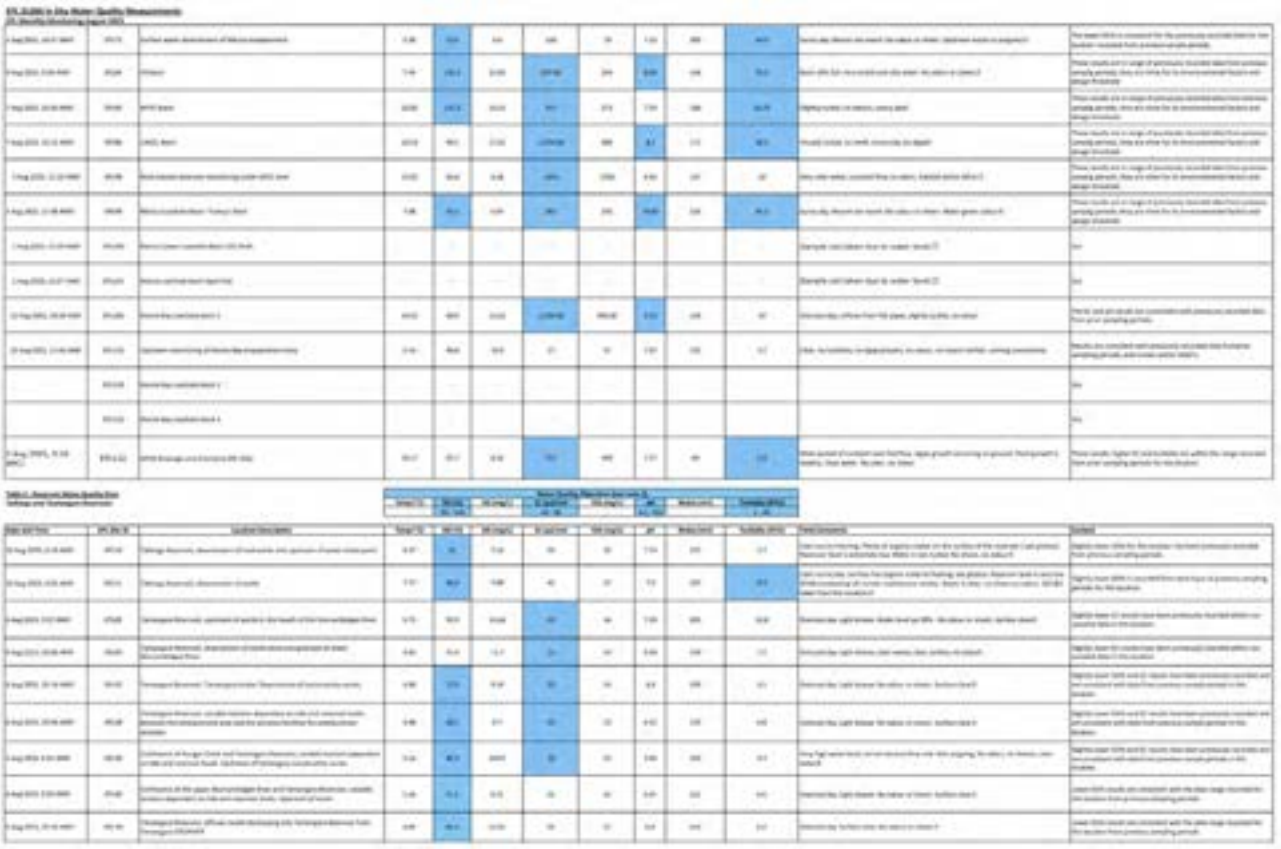
- Water not discharged on this day

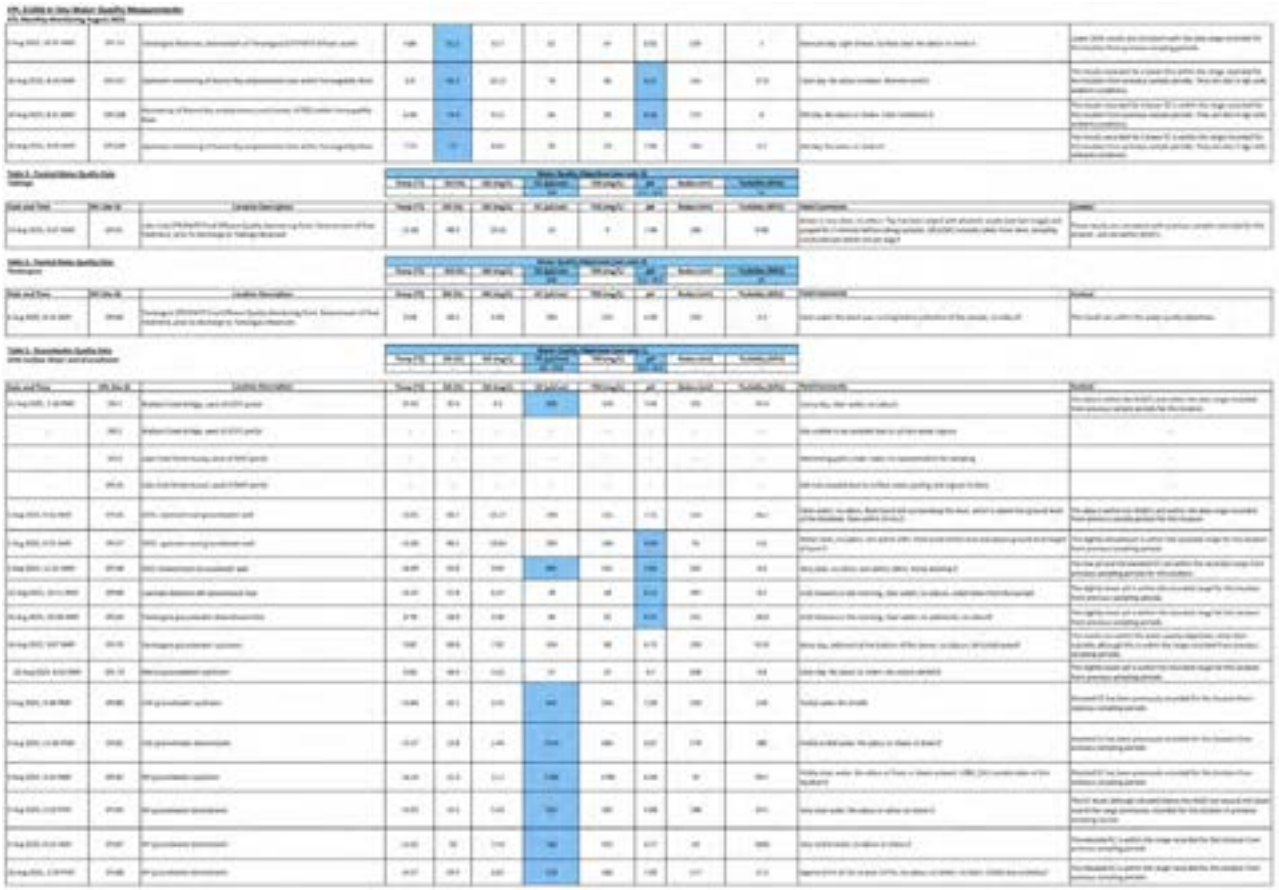
Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month.

* The maximum flow rate capacity for Lobs Hole STP/PWTP during the reporting month was 6.94 L/s

^ The maximum flow rate capacity for Tantangara STP/PWTP during the reporting month was 3.47 L/s







Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 31 August 2025

Environmental Protection Licence No:	21266
Licensee:	Snowy Hydro Limited
Licensee address:	PO Box 332, Cooma, NSW 2630
Premises:	Snowy 2.0 Pumped-Hydro Power Station Talbingo and Tantangara, Kosciuszko National Park and Rock Forest, Kosciuszko NSW 2642
EPA Public Register:	https://apps.epa.nsw.gov.au/prpregister/ViewLicence.aspx?prid=21266&lfid=712668&option=licence&search=true&region=&lga=&ppid=&postcode=&keyword=&activity=&activity_group=&name=snowy+hydro&addr=&owner=&status=issued

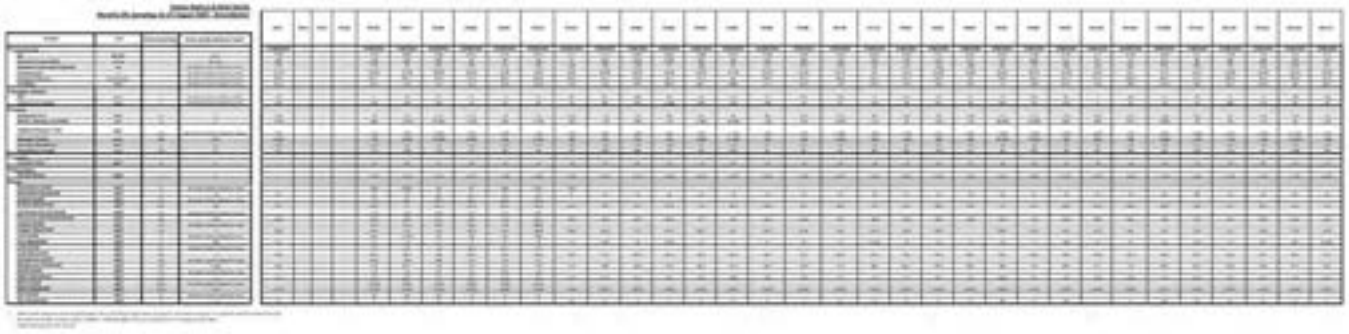
Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No 21266 - Variation 23 July 2025, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.

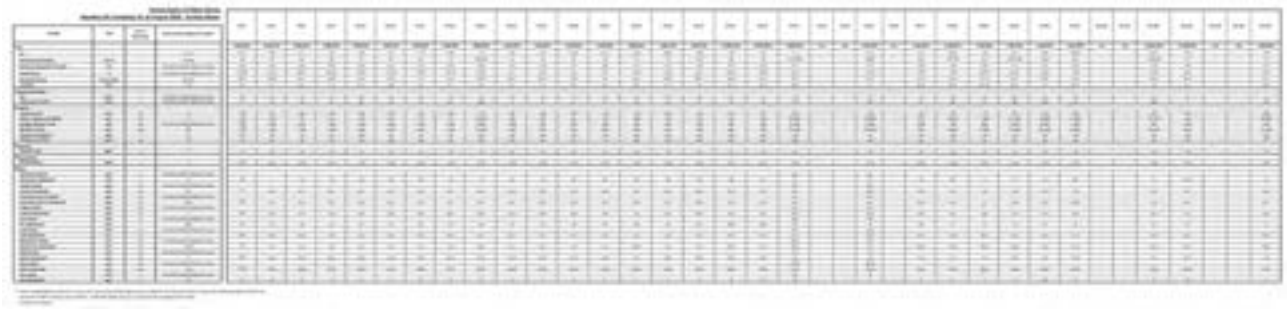
A map showing the location of each of the EPL named sampling points is provided after the results tables.

Groundwater Results: In August, we were unable to sample locations EPL2, EPL4, and EPL25 due to flooding in their surrounding areas, which compromised the accurate representation of conditions in these locations. At EPL1, we observed an increase in Total Nitrogen and Nitrite + Nitrate as N concentrations, alongside a significant decrease in total phosphorus levels during this previous quarter period.
In contrast, locations for sites such as GP01, LH1, and Ravine Bay in Lobs Hole exhibited stable concentrations consistent with previous reports. Meanwhile, EPL5E and EPL9S, located downstream of GP01, continue to show the highest concentrations in the area. In the LH1 region, locations including EPL8S, EPL8D, EPL8T, and EPL8I reported Total Kjeldahl Nitrogen concentrations ranging from 500 µg/L to 1000 µg/L.
Sampling points in Tantangara maintained stable pH levels between 6.1 and 6.7, although we noted an increase in NTU, likely due to the 115.4 mm of precipitation that fell in the area. Notably, EPL10D recorded the highest Total Nitrogen concentration of 4200 µg/L.
Reservoir Results: For this period, sampling points within the Talbingo Reservoir showed a slight increase in Ammonia concentrations for EPL1D, with a concentration of 30 µg/L, compared to EPL1S, which met its WQO. However, for Nitrite + Nitrate as N (NOx), concentrations were reported between 40 µg/L and 50 µg/L, which is also the case for locations within the Tantangara Reservoir.
While the majority of sampling points remained within the acceptable limits for Total Nitrogen, some, such as EPL1Z, showed a slight uptick, registering a concentration of 400 µg/L. Additionally, several sites, including EPL1S, EPL3N, and EPL1S, recorded a slight increase in Total Phosphorus, with concentrations ranging from 20 µg/L to 40 µg/L. However, these values are consistent with historical data and align with baseline water quality results, indicating stability in the overall water quality within the Reservoirs.
Surface Water Results: In August, some locations, including EPL5, EPL3D, EPL3S, EPL1S, and EPL3A, recorded high pH concentrations, which are within their historical ranges, fluctuating between 8.0 and 8.16. Meanwhile, EPL2A, EPL3S, and EPL1Z2 continue to show the highest surface water concentrations in Lobs Hole. This is likely attributed to their location downstream of the GP01 leachate area. These locations remain under TARP conditions and are monitored weekly.
Kellys Plain Creek locations, such as EPL3D and EPL2C, recorded a slight increase in Dissolved Aluminium concentrations. Additionally, Total Nitrogen concentrations at locations like EPL1D, EPL3A, EPL3B, and EPL3T, which were between 200 µg/L and 500 µg/L, were influenced by Total Kjeldahl Nitrogen, which recorded similar concentration levels. As for the leachate storage locations, they maintain their conditions and are continuously monitored for water reuse once they meet the criteria.
Discharge Results: Results for the discharge locations met the adopted Water Quality Objectives (WQOs) during the discharge periods.

The publication of this pollution monitoring data is carried out in accordance with section 66 (6) of the Protection of the Environment Operations Act 1997 (NSW).
Snowy Hydro Limited gives no warranty or representation regarding the data suitability for any particular purpose.

Snowy Hydro Limited excludes all liability to any person for loss or damage of any kind (however caused, including but not limited to by negligence) arising whether directly or indirectly from or relating in any way to the use of this data, whether in whole or in part.





Snowy Hydro 2.0 Main Works

Monthly EPL Sampling: 01-31 August 2025 - Discharge Water

Analyte	Unit	Limit of Reporting	Water Quality Objective Value*	EPL 42	EPL 43	EPL 44	EPL 45	EPL 47	EPL 48	EPL 49	EPL 50
Flow Rate				13/08/2025							6/08/2025
Inflow[1]	ML/day	-	-	-	0.0000	0.1734	0.0700	0.1472	0.0837	0.4190	-
Outflow[2]	ML/day	-	4.32 (EPL 42) / 50	-	-	-	-	-	-	-	-
Field											
pH	pH Unit	-	6.5-8.5	7.48	-	-	-	-	-	-	6.90
Electrical Conductivity	µS/cm	-	300 (EPL 42) / 200 (EPL 50)	14	-	-	-	-	-	-	197
Oxidation Reduction Potential	mV	-	No Water Quality Objective Value	186	-	-	-	-	-	-	224
Temperature	°C	-	35	12.38	-	-	-	-	-	-	9.04
Dissolved Oxygen	% saturation	-	No Water Quality Objective Value	98.5	-	-	-	-	-	-	68.1
Turbidity	NTU	-	<25	0.08	-	-	-	-	-	-	3.4
Laboratory analytes											
Total suspended solids	mg/L	5	5/10	<5	-	-	-	-	-	-	<5
Hardness as $CaCO_3$	mg/L	1	No Water Quality Objective Value	<1	-	-	-	-	-	-	17
Nutrients											
Ammonia as N	µg/L	10	190/1000*	<10	-	-	-	-	-	-	22
Nitrite + Nitrate as N (NO_3)	µg/L	10	50	150	-	-	-	-	-	-	90
Kjeldahl Nitrogen Total	µg/L	100	No Water Quality Objective Value	200	-	-	-	-	-	-	200
Nitrogen (Total)	µg/L	100	500[^]	300	-	-	-	-	-	-	300
Reactive Phosphorus	µg/L	1	No Water Quality Objective Value	<10	-	-	-	-	-	-	10
Phosphorus (Total)	µg/L	10	100/300*	<10	-	-	-	-	-	-	<10
Inorganics											
Cyanide Total	µg/L	4	No Water Quality Objective Value	<4	-	-	-	-	-	-	<4
Hydrocarbons											
Oil and Grease	mg/L	1	2/5*	<1.0	-	-	-	-	-	-	<1.0
Metals											
Aluminium (dissolved)	µg/L	5	55	<5	-	-	-	-	-	-	<5
Arsenic (dissolved)	µg/L	0.2	13	<0.2	-	-	-	-	-	-	<0.2
Chromium (III+VI) (dissolved)	µg/L	0.2	1	<0.2	-	-	-	-	-	-	1.0
Copper (dissolved)	µg/L	0.5	14	<0.5	-	-	-	-	-	-	<0.5
Iron (dissolved)	µg/L	2	300	<2	-	-	-	-	-	-	<2
Lead (dissolved)	µg/L	0.1	3.4	<0.1	-	-	-	-	-	-	<0.1
Manganese (dissolved)	µg/L	0.5	1,900	<0.5	-	-	-	-	-	-	0.5
Nickel (dissolved)	µg/L	0.5	11	<0.5	-	-	-	-	-	-	<0.5
Silver (dissolved)	µg/L	0.01	0.05	<0.01	-	-	-	-	-	-	<0.01
Zinc (dissolved)	µg/L	1	8	<1	-	-	-	-	-	-	<1
Biological											
Faecal Coliforms	CFU/100mL	1	10/100*	<1	-	-	-	-	-	-	<1
Biological Oxygen Demand	mg/L	2	5	<2	-	-	-	-	-	-	<2

Note: Treated water was not being discharged at Talbingo or Tantangara Reservoir at the time of EPL sampling.
There is no 100th percentile limit for Nitrogen (Total).

* Water Quality Objective values Treated Water reference the predicted values for physical and chemical stressors from the treatment plant as presented in the Main Works EIS.

\- Samples not required

^ 90 Percentile concentration limit/100 Percentile limit

[1] Inflows to STP and CWTP do not directly correspond to outflow at RO as much of the water is reused on site

Snowy Hydro 2.0 Main Works
Monthly EPL Sampling: 01-31 August 2025 - Volumes

Date	EPL 43 *	EPL 50 ^	EPL 44	EPL 45	EPL 47	EPL 48	EPL 49
	Discharge volume (Megalitres)		Discharge volume (Megalitres)				
1/08/2025	1.99	0.82	0.56	0.08	0.20	0.09	0.058
2/08/2025	–	0.18	0.45	0.09	0.16	0.08	0.001
3/08/2025	–	0.35	0.31	0.07	0.17	0.09	0.0004
4/08/2025	–	0.64	0.37	0.08	0.24	0.08	0.43
5/08/2025	–	0.58	0.16	0.04	0.00	0.10	0.81
6/08/2025	–	–	0.36	0.09	0.11	0.08	0.56
7/08/2025	–	0.84	0.38	0.09	0.11	0.09	0.69
8/08/2025	–	0.48	0.36	0.07	0.11	0.09	0.43
9/08/2025	–	0.44	0.24	0.10	0.09	0.08	0.20
10/08/2025	1.40	1.19	0.38	0.13	0.11	0.09	0.39
11/08/2025	–	0.77	0.34	0.09	0.15	0.10	0.46
12/08/2025	–	0.75	0.16	0.08	0.15	0.07	0.71
13/08/2025	1.18	0.70	0.43	0.08	0.15	0.08	0.15
14/08/2025	–	1.08	0.44	0.09	0.14	0.08	0.17
15/08/2025	–	1.04	0.15	0.07	0.12	0.08	0.66
16/08/2025	–	0.98	0.56	0.08	0.14	0.09	0.59
17/08/2025	–	1.00	0.47	0.07	0.12	0.07	0.46
18/08/2025	–	0.86	0.35	0.07	0.10	0.08	0.68
19/08/2025	1.54	1.10	0.34	0.08	0.10	0.09	0.51
20/08/2025	–	1.13	0.33	0.08	0.13	0.06	0.23
21/08/2025	–	0.81	0.90	0.07	0.16	0.09	0.47
22/08/2025	–	0.18	0.45	0.06	0.21	0.09	0.41
23/08/2025	1.53	–	0.66	0.06	0.17	0.06	0.39
24/08/2025	1.45	0.35	0.49	0.04	0.14	0.08	0.28
25/08/2025	–	0.57	0.47	0.04	0.15	0.19	0.55
26/08/2025	–	–	0.39	0.04	0.19	0.07	0.39
27/08/2025	–	–	0.30	0.06	0.19	0.09	0.73
28/08/2025	–	–	0.32	0.04	0.18	0.10	0.63
29/08/2025	–	–	0.29	0.05	0.19	0.04	0.28
30/08/2025	–	–	0.44	0.05	0.23	0.04	0.439
31/08/2025	–	–	0.33	0.08	0.19	0.03	0.58

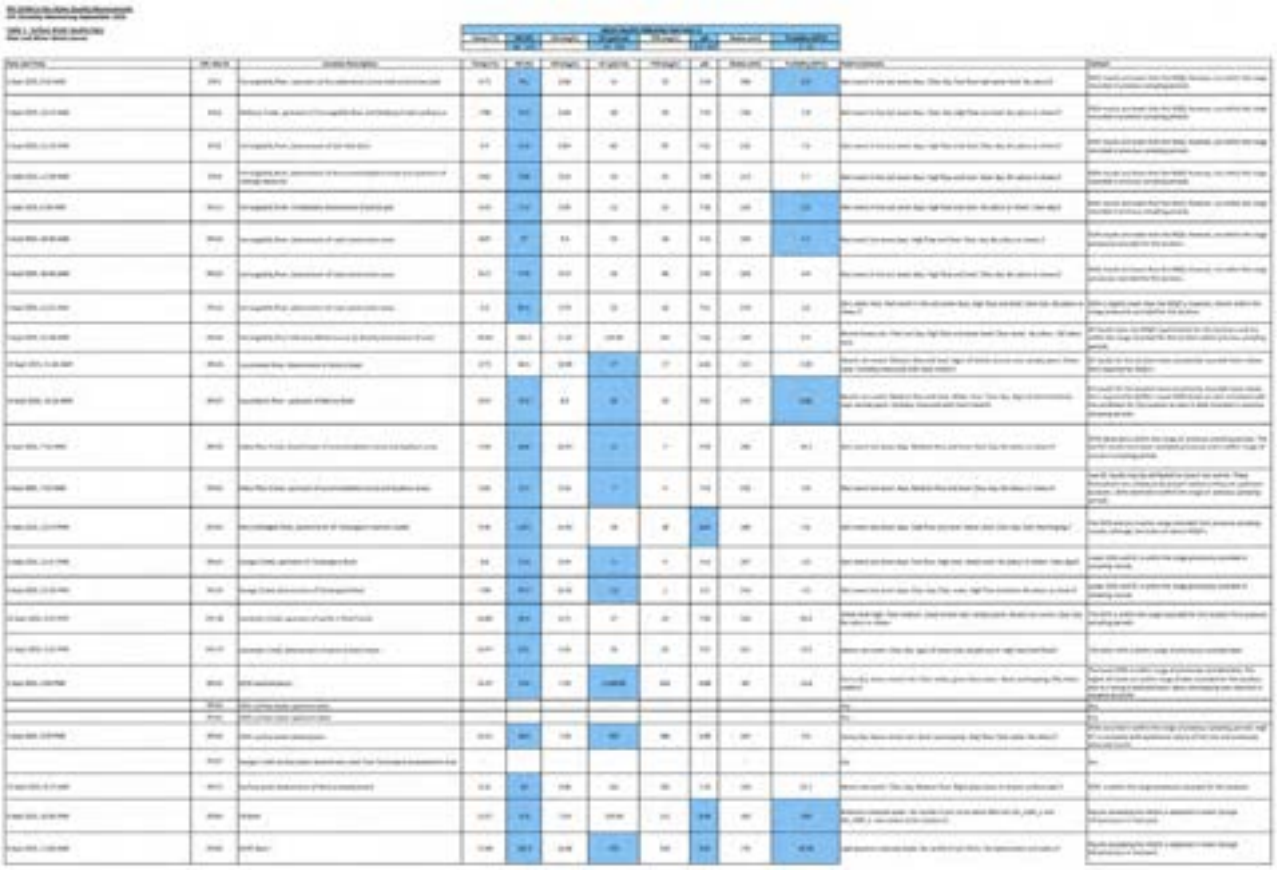
– Water not discharged on this day

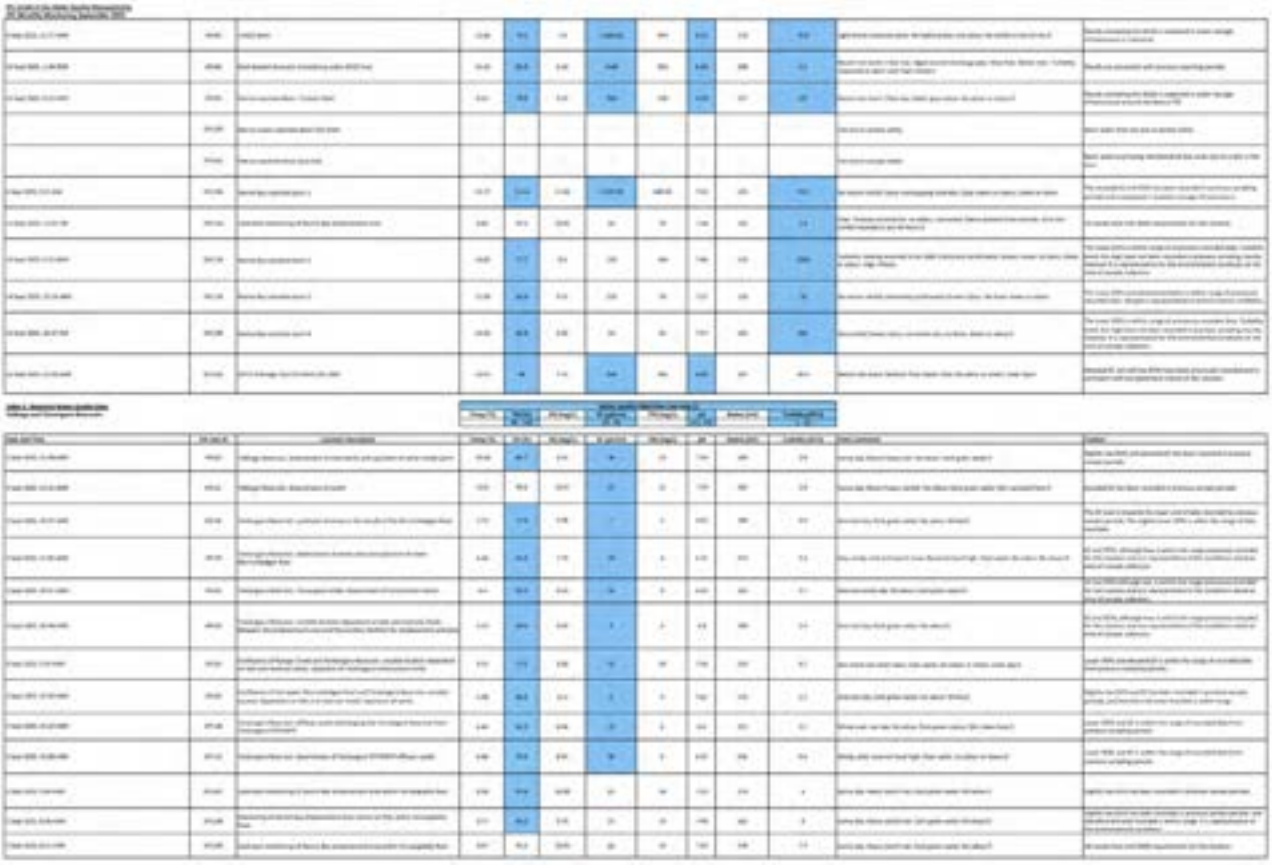
Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month.

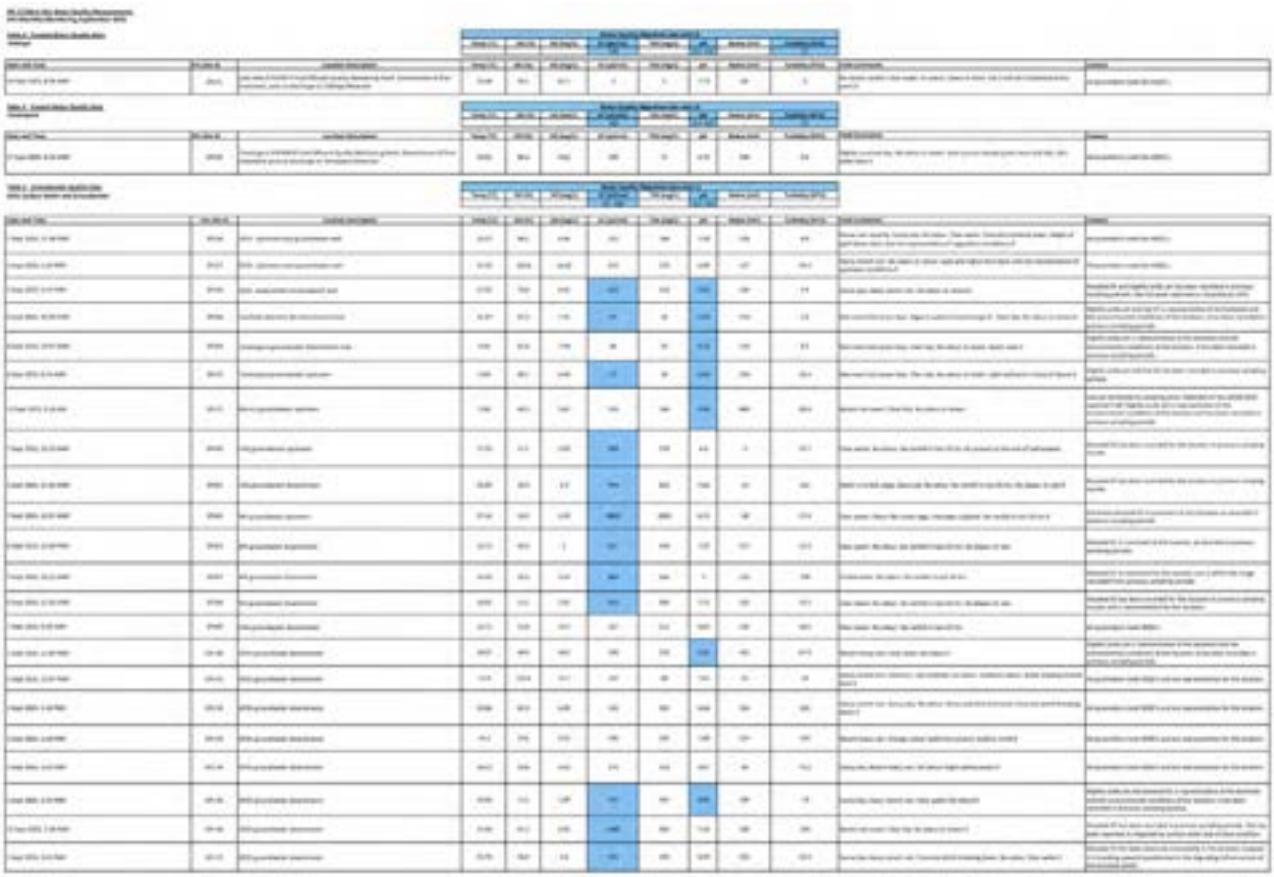
* The maximum flow rate capacity for Lobs Hole STP/PWTP during the reporting month was 6.48 L/s

^ The maximum flow rate capacity for Tantangara STP/PWTP during the reporting month was 7.87 L/s

– Water not discharged on this day







Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 30 September 2025

Environmental Protection Licence No:	21266
Licensee:	Snowy Hydro Limited
Licensee address:	PO Box 332, Cooma, NSW 2630
Premises:	Snowy 2.0 Pumped-Hydro Power Station Tallongo and Tantangara, Kosciuszko National Park and Bago Forest, Kosciuszko NSW 2642
EPA Public Register:	https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOLID=21266&SYSTEM=PRPOEO&PRINTVIEW=1&SHOWVARIATIONS=1

Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No 21266 - Variation 20 December 2024, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.

A map showing the location of each of the EPL named sampling points is provided after the results tables.

Groundwater:
Elevated concentrations of nutrients have continued to be observed in groundwater monitoring wells across the Snowy 2.0 sites, most notably downgradient of permanent spoil emplacement areas. As reported previously, bores within the area of influence of GF01 have the greatest concentrations in nutrients (e.g. EPL58 - 42,600 µg/L Total Nitrogen). Exceedances in Total Nitrogen were also observed in the Main Yard area (up to 13,500 µg/L at EPL67), Ravine Bay (up to 700 µg/L at EPL113) and Tantangara (up to 1,500 µg/L at EPL105).

Reservoir:
Minor exceedances in nutrients were observed in both Tallongo and Tantangara Reservoirs in the month of September, however, concentrations are consistent with previous reports indicating stability in the overall water quality. An exceedance in aluminium at EPL28 (147 µg/L) has been noted will be examined during the next reporting period.

Surface Water:
Consistent with previous reporting periods, EPL24, EPL55, and EPL122 continue to show the highest surface water concentrations of nutrients in Lobs Hole, aside from leachate storage infrastructure. This is likely attributed to their location downstream of the GF01 leachate area and the ephemeral nature of the waterways. These locations remain under TARP conditions and are monitored weekly. High nutrient concentrations were also observed at EPL36 and EPL37, likely attributed to low flows and agricultural impact.

Discharge:
Compliance testing at EPL50 on the 17th of September met criteria for discharge however EPL41 on the 18th of the September did not meet criteria for discharge as TN was slightly elevated. Non-compliant discharges have been investigated in Incident Report S2-ENV-WA-SPW-INC-FGJV000036. Temperatures for both sampling rounds are not considered reflective of conditions as temperatures were recorded a prior to discharge. Review of Discharge Procedure documentation has commenced as a result of recent non-compliance.

The publication of this pollution monitoring data is carried out in accordance with section 66 (8) of the Protection of the Environment Operations Act 1997 (NSW).
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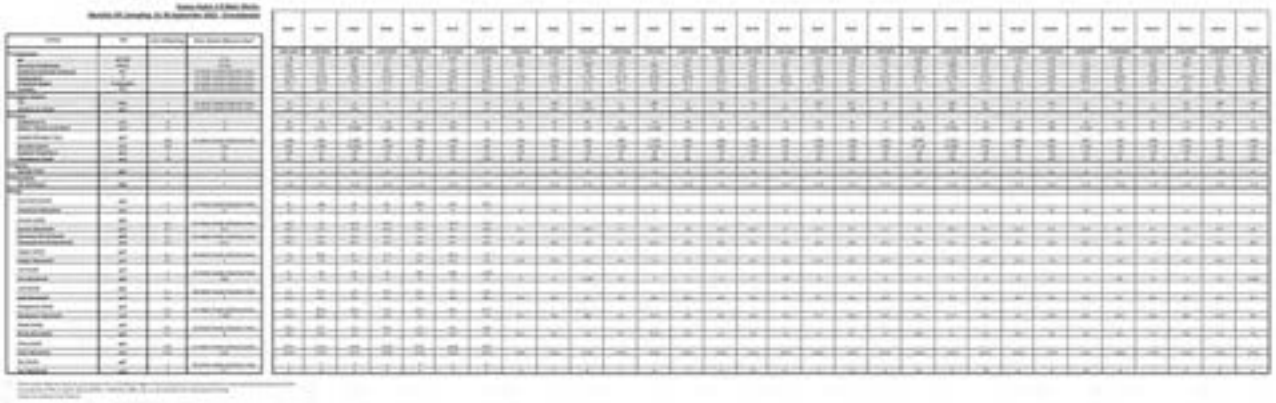
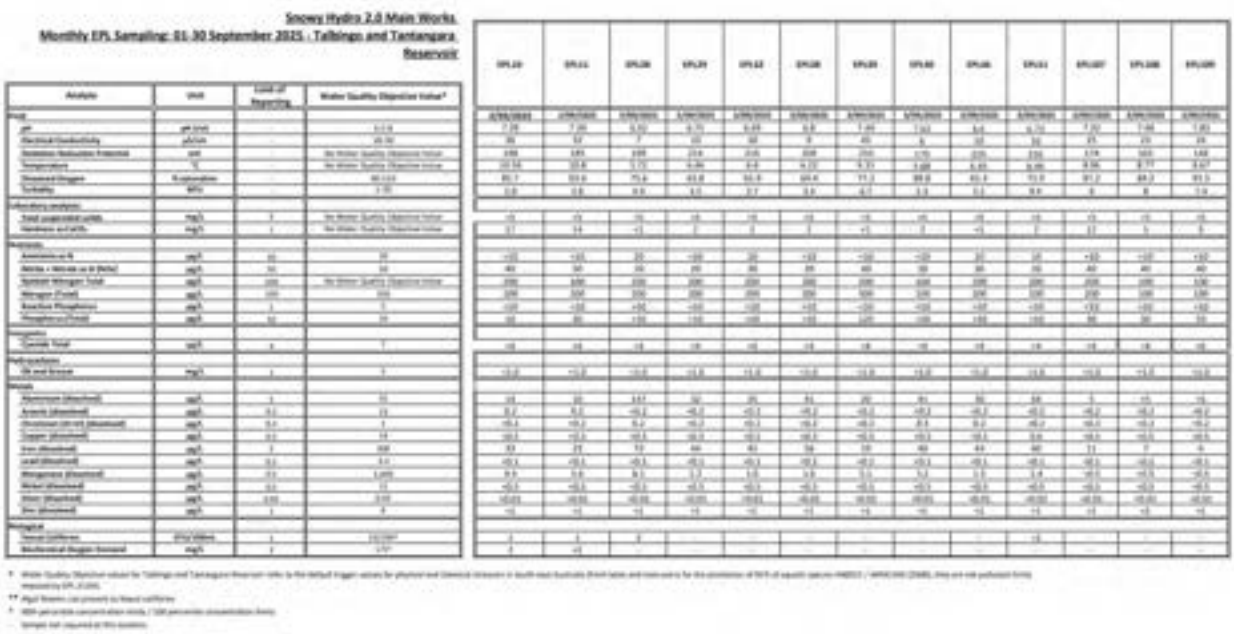
Snowy Hydro Limited excludes all liability to any person for loss or damage of any kind (however caused, including but not limited to by negligence) arising whether directly or indirectly from or relating in any way to the use of this data, whether in whole or in part.





Snowy Hydro 2.0 Main Works
Monthly EPL Sampling: 01-30 September 2025 - Talbingo and Tantangara Reservoir

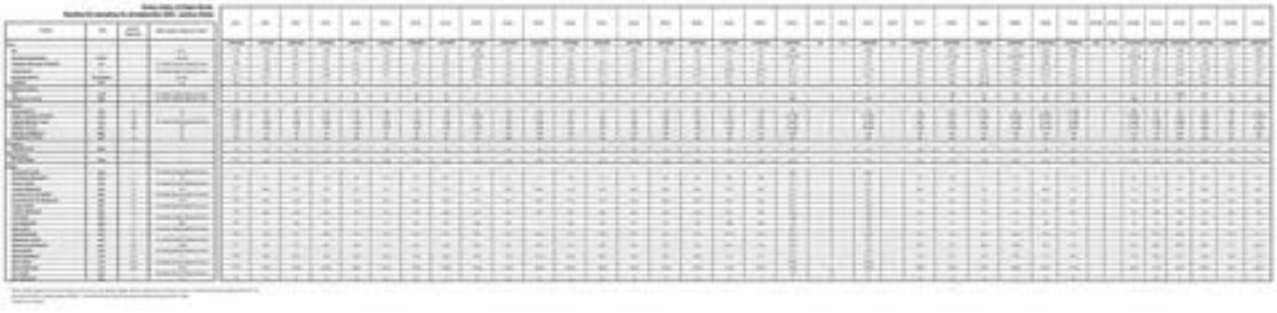
Analyte	Unit	Limit of Reporting	Water Quality Objective Value*	EPL10	EPL11	EPL06	EPL09	EPL02	EPL08	EPL03	EPL04	EPL05	EPL01	EPL07	EPL08	EPL09
Field																
pH	pH Unit		6.5-8	7.28	7.34	6.92	6.75	6.69	6.8	7.44	7.63	6.6	6.74	7.32	7.44	7.85
Electrical Conductivity	µS/cm		30-50	36	32	7	10	10	8	45	6	10	10	15	15	19
Oxidation Reduction Potential	mV		No Water Quality Objective Value	193	185	169	214	215	208	214	170	225	231	174	163	142
Temperature	°C		No Water Quality Objective Value	13.16	13.8	7.72	6.94	6.4	6.72	9.31	3.68	6.43	6.99	9.56	9.79	9.67
Dissolved Oxygen	% saturation		90-110	85.7	93.6	75.6	63.8	61.3	64.4	77.1	89.8	61.3	71.9	87.2	89.3	91.1
Turbidity	NTU		1-20	0.8	0.8	0.9	1.1	2.7	0.9	6.7	1.3	1.1	0.9	4	4	1.9
Laboratory analytes																
Total suspended solids	mg/L	1	No Water Quality Objective Value	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Hardness as CaCO3	mg/L	1	No Water Quality Objective Value	17	14	<1	2	2	2	<1	2	<1	2	12	5	5
Nutrients																
Ammonia as N	µg/L	10	10	<10	<10	10	<10	10	<10	<10	10	10	<10	<10	<10	<10
Nitrite + Nitrate as N (NOx)	µg/L	10	10	40	50	10	20	30	20	400	30	30	10	40	40	40
Kjeldahl Nitrogen Total	µg/L	100	No Water Quality Objective Value	200	200	200	200	200	200	200	200	200	200	200	200	130
Nitrogen (Total)	µg/L	100	100	240	250	210	220	230	220	520	230	230	210	240	240	170
Reactive Phosphorus	µg/L	1	1	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phosphorus (Total)	µg/L	10	10	10	10	<10	<10	<10	<10	<10	<10	<10	<10	10	10	10
Organics																
Cyanide Total	µg/L	4	7	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Hydrocarbons																
Oil and Grease	mg/L	1	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Metals																
Aluminium (dissolved)	µg/L	1	55	14	10	117	52	35	91	20	41	30	18	5	15	15
Arsenic (dissolved)	µg/L	0.1	13	0.2	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium (III+VI) (dissolved)	µg/L	0.1	1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	0.3	0.2	<0.1	<0.1	<0.1	<0.1
Copper (dissolved)	µg/L	0.1	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	<0.1	<0.1	<0.1
Iron (dissolved)	µg/L	1	300	33	29	72	44	41	56	19	40	44	40	11	7	6
Lead (dissolved)	µg/L	0.1	3.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Manganese (dissolved)	µg/L	0.1	1,900	9.9	7.8	9.1	2.3	1.6	1.9	0.1	1.7	0.1	1.4	<0.1	<0.1	<0.1
Nickel (dissolved)	µg/L	0.1	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Silver (dissolved)	µg/L	0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc (dissolved)	µg/L	1	8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Biological																
Faecal Coliforms	MPN/100mL	1	150/200*	-	-	-	-	-	-	-	-	-	-	-	-	-
Biochemical Oxygen Demand	mg/L	2	2**	2	<2	-	-	-	-	-	-	-	-	-	-	-

* Water Quality Objective values for Talbingo and Tantangara Reservoir refer to the default trigger values for physical and chemical indicators in south-east Australia (from table and note xxx to for the protection of 95% of aquatic species (ANZG 2018 / ANZECC/ARMCANZ 2000). They are not authored limits imposed by EPL 21202.

** Algal blooms can present as bloom conditions

* 90th percentile concentration limits / 50th percentile concentration limits

- Sample not required at this location.



Sidney Myrtle 2.0 Main Works

Monthly EPL Sampling: 01-30 September 2025 - Discharge Water

Analyte	Unit	Limit of Reporting	Water Quality Objective Value*	EPL 41	EPL 43	EPL 44	EPL 45	EPL 47	EPL 48	EPL 49	EPL 50
Flow Rate				T/09/2025							17/09/2025
Inflow[#]	ML/day	–	–	–	0.0000	0.4031	0.0471	0.1514	0.0401	0.1649	–
Outflow[#]	ML/day	–	4.32 (EPL 41 / 50	–	–	–	–	–	–	–	–
Field											
pH	pH Unit	–	6.5-8.5	6.85	–	–	–	–	–	–	6.75
Electrical Conductivity	µS/cm	–	700 (EPL 41) / 300 (EPL 50)	190	–	–	–	–	–	–	109
Oxidation Reduction Potential	mV	–	No Water Quality Objective Value	269	–	–	–	–	–	–	240
Temperature	°C	–	35	14.38	–	–	–	–	–	–	10.35
Dissolved Oxygen	% saturation	–	No Water Quality Objective Value	81.8	–	–	–	–	–	–	86.2
Turbidity	NTU	–	<35	3.69	–	–	–	–	–	–	4.3
Laboratory analytes											
Total suspended solids	mg/L	5	5/10	<5	–	–	–	–	–	–	<5
Hardness as $CaCO_3$	mg/L	1	No Water Quality Objective Value	<1	–	–	–	–	–	–	<1
Nutrients											
Ammonia as N	µg/L	10	100/2000*	<10	–	–	–	–	–	–	<10
Nitrite + Nitrate as N (NOx)	µg/L	10	No Water Quality Objective Value	50	–	–	–	–	–	–	40
Kjeldahl Nitrogen Total	µg/L	100	No Water Quality Objective Value	300	–	–	–	–	–	–	<100
Nitrogen (Total)	µg/L	100	800/*	400	–	–	–	–	–	–	<100
Reactive Phosphorus	µg/L	1	No Water Quality Objective Value	<10	–	–	–	–	–	–	<10
Phosphorus (Total)	µg/L	10	100	20	–	–	–	–	–	–	50
Inorganics											
Cyanide Total	µg/L	4	No Water Quality Objective Value	<4	–	–	–	–	–	–	<4
Hydrocarbons											
Oil and Grease	mg/L	1	15*	<1.0	–	–	–	–	–	–	<1.0
Metals											
Aluminium (dissolved)	µg/L	5	55	<5	–	–	–	–	–	–	<5
Arsenic (dissolved)	µg/L	0.2	13	<0.2	–	–	–	–	–	–	<0.2
Chromium (III+VI) (dissolved)	µg/L	0.2	1	<0.2	–	–	–	–	–	–	0.3
Copper (dissolved)	µg/L	0.5	10	<0.5	–	–	–	–	–	–	<0.5
Iron (dissolved)	µg/L	2	300	<2	–	–	–	–	–	–	<2
Lead (dissolved)	µg/L	0.1	3.4	<0.1	–	–	–	–	–	–	<0.1
Manganese (dissolved)	µg/L	0.5	1,900	<0.5	–	–	–	–	–	–	<0.5
Nickel (dissolved)	µg/L	0.5	11	<0.5	–	–	–	–	–	–	<0.5
Silver (dissolved)	µg/L	0.05	0.05	<0.05	–	–	–	–	–	–	<0.05
Zinc (dissolved)	µg/L	1	8	<0.1	–	–	–	–	–	–	<1
Biological											
Faecal Coliforms	CFU/100mL	1	10/200^	<1	–	–	–	–	–	–	<1
Biological Oxygen Demand	mg/L	2	5	<2	–	–	–	–	–	–	<2

There is no 100th percentile limit for Nitrogen (Total).

* Water Quality Objective values Treated Water reference the predicted values for physical and chemical stressors from the treatment plant as presented in the Main Works EIS.

– Samples not required

^ 80 Percentile concentration limit/100 Percentile limit

Inflows to STP and CWTP do not directly correspond to outflow at RO as much of the water is reused on site

Snowy Hydro 2.0 Main Works
Monthly EPL Sampling: 01-30 September 2021 - Volumes

Date	EPL 43 *	EPL 50 *	EPL 44	EPL 45	EPL 47	EPL 48	EPL 49
	Discharge volume (Megalitres)		Discharge volume (Megalitres)				
1/09/2021	0.79	-	0.33	0.09	0.19	0.09	0.58
2/09/2021	-	0.16	0.39	0.09	0.27	0.09	0.14
3/09/2021	-	0.06	0.43	0.07	0.19	0.08	1.64
4/09/2021	-	0.59	0.36	0.05	0.15	0.10	0.52
5/09/2021	-	0.42	0.38	0.06	0.13	0.07	0.68
6/09/2021	-	-	0.45	0.07	0.13	0.08	0.39
7/09/2021	-	0.72	0.20	0.07	0.21	0.07	0.62
8/09/2021	-	0.73	0.34	0.06	0.18	0.09	0.55
9/09/2021	-	1.11	0.47	0.05	0.21	0.09	0.01
10/09/2021	0.04	1.12	0.44	0.08	0.18	0.07	0.53
11/09/2021	0.35	-	0.42	0.06	0.19	0.08	0.52
12/09/2021	-	-	0.38	0.06	0.19	0.10	0.75
13/09/2021	-	-	0.45	0.05	0.21	0.06	0.54
14/09/2021	0.65	-	0.19	0.05	0.16	0.07	0.71
15/09/2021	0.85	1.16	0.26	0.06	0.22	0.08	0.74
16/09/2021	0.40	0.28	0.44	0.06	0.18	0.10	0.72
17/09/2021	0.44	0.13	0.25	0.06	0.19	0.09	0.67
18/09/2021	0.57	-	0.30	0.08	0.16	0.00	0.62
19/09/2021	0.38	0.28	0.40	0.06	0.20	0.00	0.00
20/09/2021	-	0.09	0.36	0.06	0.20	0.00	0.00
21/09/2021	-	0.04	0.19	0.06	0.21	0.00	0.00
22/09/2021	0.13	0.04	0.54	0.07	0.19	0.00	0.00
23/09/2021	-	0.04	0.70	0.00	0.18	0.00	0.00
24/09/2021	-	0.23	0.54	0.00	0.24	0.00	0.00
25/09/2021	-	0.67	0.32	0.00	0.00	0.00	0.00
26/09/2021	-	0.18	0.42	0.00	0.00	0.00	0.00
27/09/2021	0.68	0.004	0.41	0.00	0.00	0.00	0.00
28/09/2021	1.17	0.16	0.46	0.00	0.00	0.00	0.00
29/09/2021	-	0.31	0.60	0.00	0.00	0.00	0.00
30/09/2021	-	0.50	0.66	0.00	0.00	0.00	0.00

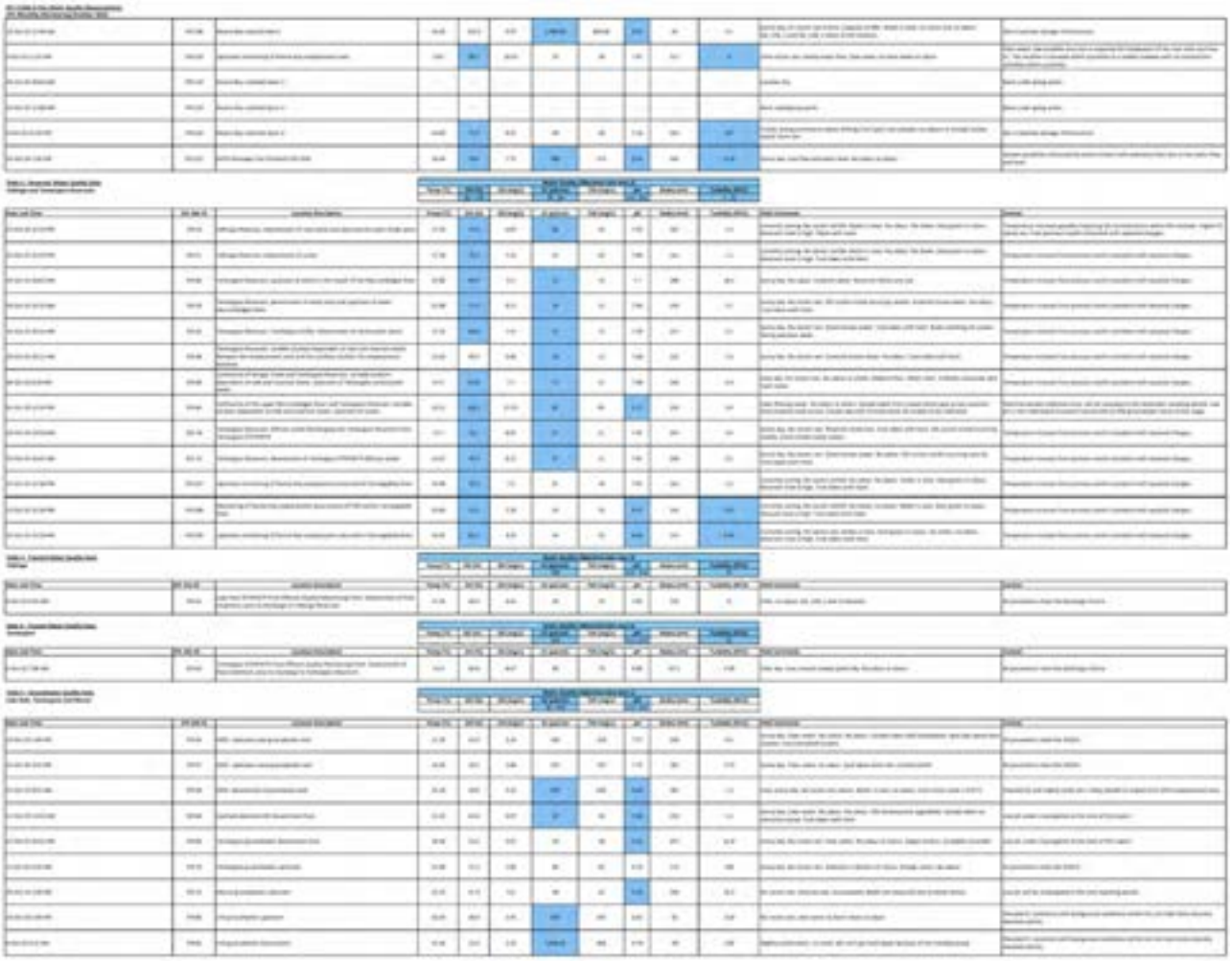
- Water not discharged on this day

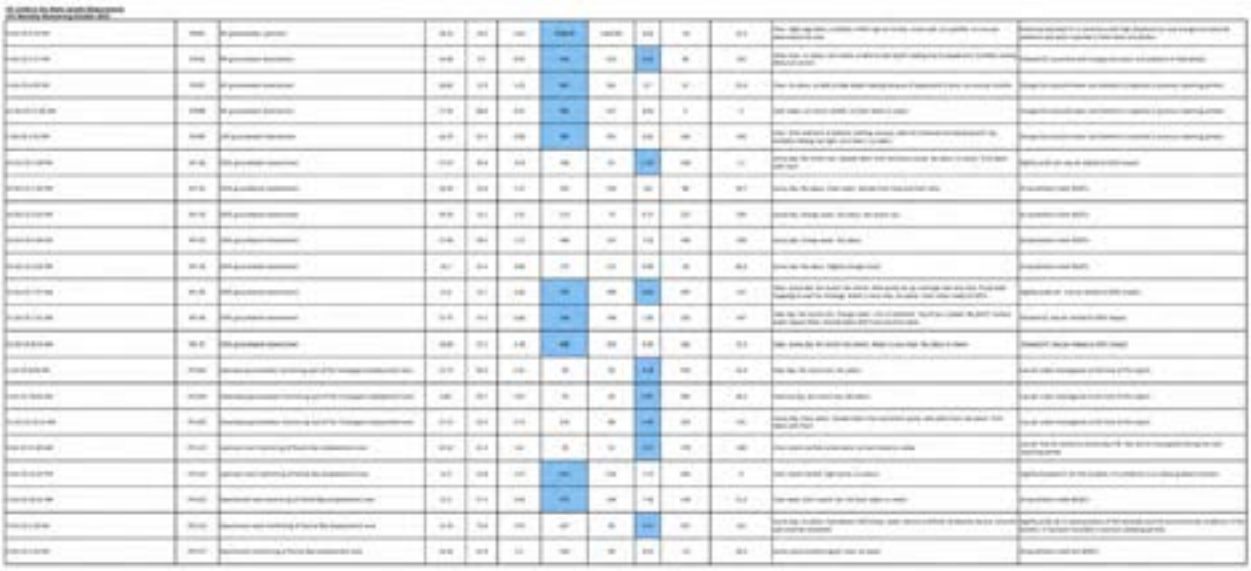
Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month.

* The maximum flow rate capacity for Lobs Hole STP/PWTP during the reporting month was 7.63 L/s

* The maximum flow rate capacity for Tantangara STP/PWTP during the reporting month was 18.68 L/s

- Water not discharged on this day





Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 31 October 2025

Environmental Protection License No:	21166
Licensee:	Snowy Hydro Limited
Licensee address:	PO Box 332, Cooma, NSW 2630
Premises:	Snowy 2.0 Pumped Hydro Power Station Tallangia and Tantangara, Kosciuszko National Park and Rock Forest, Kosciuszko NSW 2642
EPA Public Register:	https://www.epa.nsw.gov.au/prpregister/ViewLicence.aspx?prid=21166&id=11119&clear=1&uniqueview=True&uniqueLicence=PCE17%2Fhistorical&uniqueSubLicence=Sub&uniqueIssues=

Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No 21166 - Variation 20 December 2024, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.

A map showing the location of each of the EPL named sampling points is provided after the results tables.

Groundwater:

Concentrations of nutrients in groundwater monitoring wells were observed above the WQO's across the Snow 2.0 sites, most notably, within the area of influence of permanent spoil emplacement areas. Highest concentrations of nutrients were observed downgradient of GP31 with EPL58 and EPL95 reporting 54,600 µg/L and 46,500 µg/L respectively. Monitoring bores EPL90, EPL96 and EPL97 also continue to report exceedances in total nitrogen (600 – 24,500 µg/L). Exceedances in Total Nitrogen were also observed in the Main Yard area (most notably at EPL87 - 11,500 µg/L), Ravine Bay (up to 300 µg/L at EPL113 and EPL115) and Tantangara (up to 2,500 µg/L at EPL109).

A pH gradient has been observed across the Tantangara PSF with pH values of 6.16 – 6.76 in upgradient bores, decreasing to 5.39 - 5.52 in downgradient bores. This will be investigated further in the next reporting period.

Concentrations of select metals were observed above the WQO's in some groundwater monitoring wells. Notably, high concentrations of Dissolved Iron in EPL81 and EPL82 and EPL117 (1000 µg/L, 2210 µg/L and 3080 µg/L respectively).

Reservoir:

Seasonal warming has resulted in notable increases in reservoir surface water temperatures, with Tallongo Reservoir exhibiting a rise of approximately 7°C and Tantangara Reservoir increasing by around 5°C. An exceedance in aluminium at EPL28 noted in the previous reporting period has decreased to the below the WQO (147 µg/L to 29 µg/L). Minor exceedances of the WQO's were also observed in nutrient concentrations.

Surface Water:

Leachate storage infrastructure continues to exhibit the highest nutrient concentrations and electrical conductivity across the monitoring network. Consistent with previous reporting periods, nutrient concentrations at EPL24, and EPL122 exceed the WQO's, likely due the ephemeral nature of the waterways and proximity to GP03. Elevated nutrient concentrations were also recorded at EPL26 and EPL27, likely influenced by low flows and hoofed stock interaction.

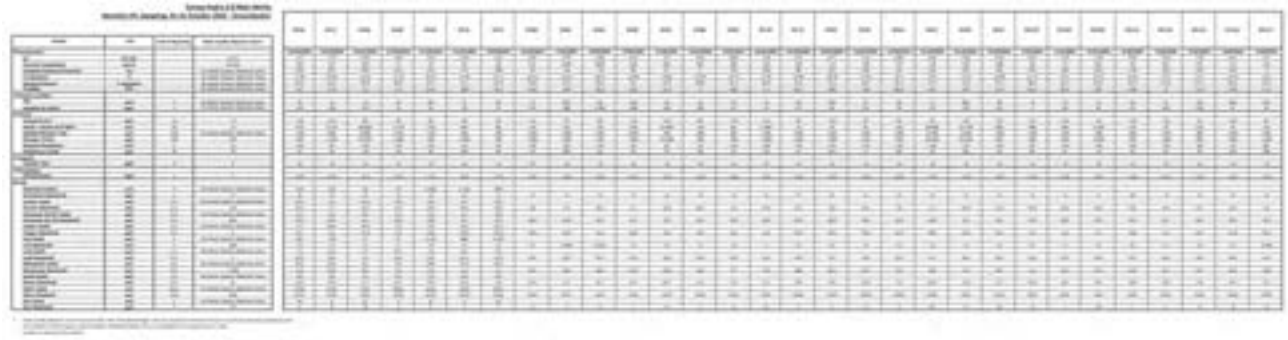
Discharge:

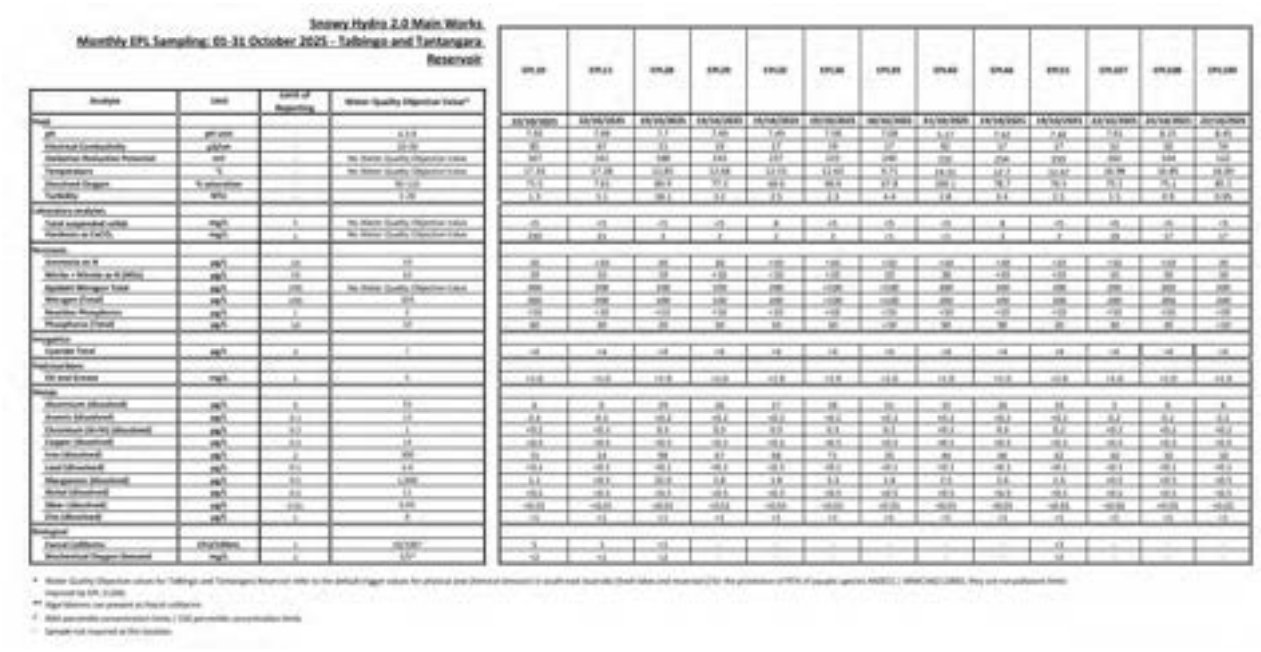
Amendments to Condition L2.4 within EPL21266 were included within the September variation (understood to comprise the latest license). The amendments included increased discharge analytical limits for key contaminants of concern. Noting this, the analytical results for EPL41 and EPL50 were observed to comply with the updated criteria.

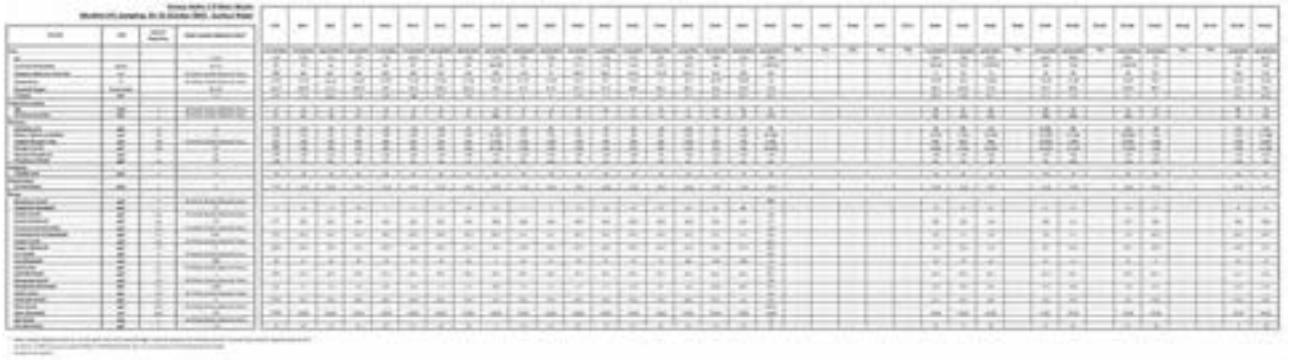
The publication of this pollution monitoring data is carried out in accordance with section 66 (6) of the Protection of the Environment Operations Act 1997 (NSW).

Snowy Hydro Limited gives no warranty or representation regarding the data suitability for any particular purpose.

Snowy Hydro Limited excludes all liability to any person for loss or damage of any kind (however caused, including but not limited to by negligence) arising whether directly or indirectly from or relating in any way to the use of this data, whether in whole or in part.







Monthly EPL Sampling: 01-31 October 2025 - Discharge Water

Analyte	Unit	Limit of Reporting	Discharge Criteria	EPL 41	EPL 50
Field				6/10/2025	6/10/2025
pH	pH Unit	-	6.5-8.5	7.81	6.86
Electrical Conductivity	µS/cm	-	700 (EPL 41) / 200 (EPL 50)	34	90
Oxidation Reduction Potential	mV	-	No Water Quality Objective Value	132	67.5
Temperature	℃	-	15	17.02	14.9
Dissolved Oxygen	% saturation	-	No Water Quality Objective Value	66.5	85.8
Turbidity	NTU	-	<25	0	4.09
Laboratory analytes					
Total suspended solids	mg/L	5	5/10	<5	<5
Hardness as $CaCO_3$	mg/L	1	No Water Quality Objective Value	<1	<1
Nutrients					
Ammonia as N	µg/L	10	1000/2000^	<10	<10
Nitrite + Nitrate as N (NOx)	µg/L	10	No Water Quality Objective Value	160	120
Kjeldahl Nitrogen Total	µg/L	100	No Water Quality Objective Value	300	200
Nitrogen (Total)	µg/L	100	1500/3000^	500	300
Reactive Phosphorus	µg/L	1	No Water Quality Objective Value	<10	<10
Phosphorus (Total)	µg/L	10	300/500^	20	<10
Inorganics					
Cyanide Total	µg/L	4	No Water Quality Objective Value	<4	<4
Hydrocarbons					
Oil and Grease	mg/L	1	2/5^	<1.0	<1.0
Metals					
Aluminium (dissolved)	µg/L	5	55	<5	<5
Arsenic (dissolved)	µg/L	0.2	13	<0.2	<0.2
Chromium (III+VI) (dissolved)	µg/L	0.2	1	<0.2	0.7
Copper (dissolved)	µg/L	0.5	14	<0.5	<0.5
Iron (dissolved)	µg/L	2	300	<2	<2
Lead (dissolved)	µg/L	0.1	3.4	<0.1	<0.1
Manganese (dissolved)	µg/L	0.5	1,900	<0.5	<0.5
Nickel (dissolved)	µg/L	0.5	11	<0.5	<0.5
Silver (dissolved)	µg/L	0.01	0.05	<0.01	<0.01
Zinc (dissolved)	µg/L	1	8	<1	<1
Biological					
Faecal Coliforms	CFU/100mL	1	10/100^	<1	<1
Biological Oxygen Demand	mg/L	2	3.5/5^	<2	<2

Note: Treated water was not being discharged at Talbingo Reservoir at the time of EPL sampling.
There is no 100th percentile limit for Nitrogen (Total).

* Water Quality Objective values Treated Water reference the predicted values for physical and chemical stressors from the treatment plant as

\- Samples not required

^ 90 Percentile concentration limit/100 Percentile limit

Inflows to STP and CWTP do not directly correspond to outflow at RO as much of the water is reused on site

Snowy Hydro 2.0 Main Works
Monthly EPL Sampling: 01-31 October 2025 - Volumes

Date	EPL 43 *	EPL 50 ^
	Discharge volume (Megalitres)	
1/10/2025	0.19	0.15
2/10/2025	0.55	0.61
3/10/2025	0.50	0.25
4/10/2025	-	0.02
5/10/2025	0.44	0.33
6/10/2025	0.82	0.34
7/10/2025	-	0.21
8/10/2025	0.29	0.24
9/10/2025	-	0.26
10/10/2025	0.66	0.31
11/10/2025	-	0.01
12/10/2025	0.75	0.33
13/10/2025	1.08	0.17
14/10/2025	0.64	0.34
15/10/2025	-	0.06
16/10/2025	1.04	0.29
17/10/2025	0.86	-
18/10/2025	1.06	0.26
19/10/2025	-	0.26
20/10/2025	1.01	-
21/10/2025	1.03	0.84
22/10/2025	0.95	0.45
23/10/2025	-	0.40
24/10/2025	1.06	0.18
25/10/2025	-	-
26/10/2025	-	0.48
27/10/2025	-	0.436
28/10/2025	-	0.29
29/10/2025	1.10	-
30/10/2025	0.50	0.37
31/10/2025	1.23	-

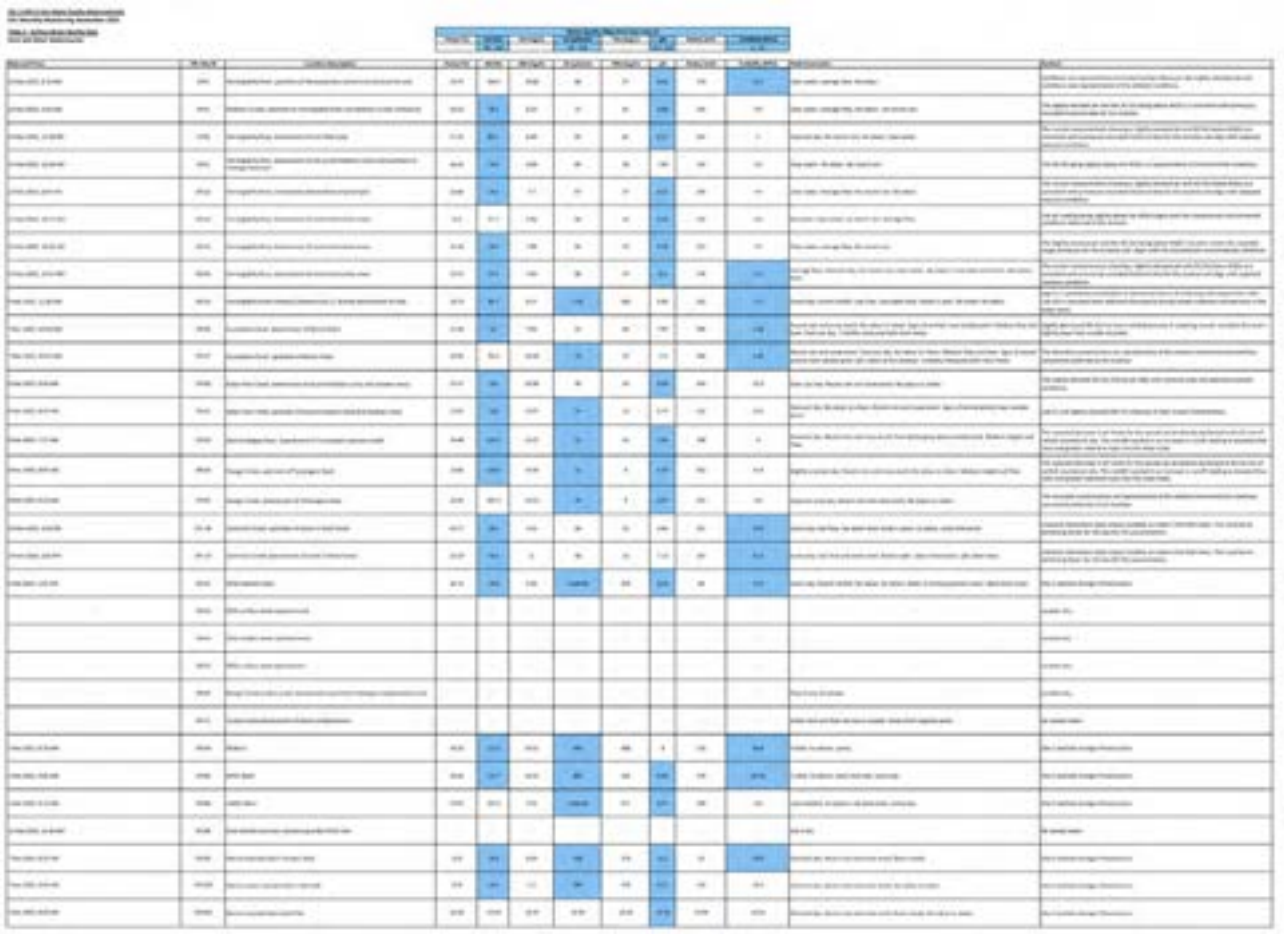
Water not discharged on this day

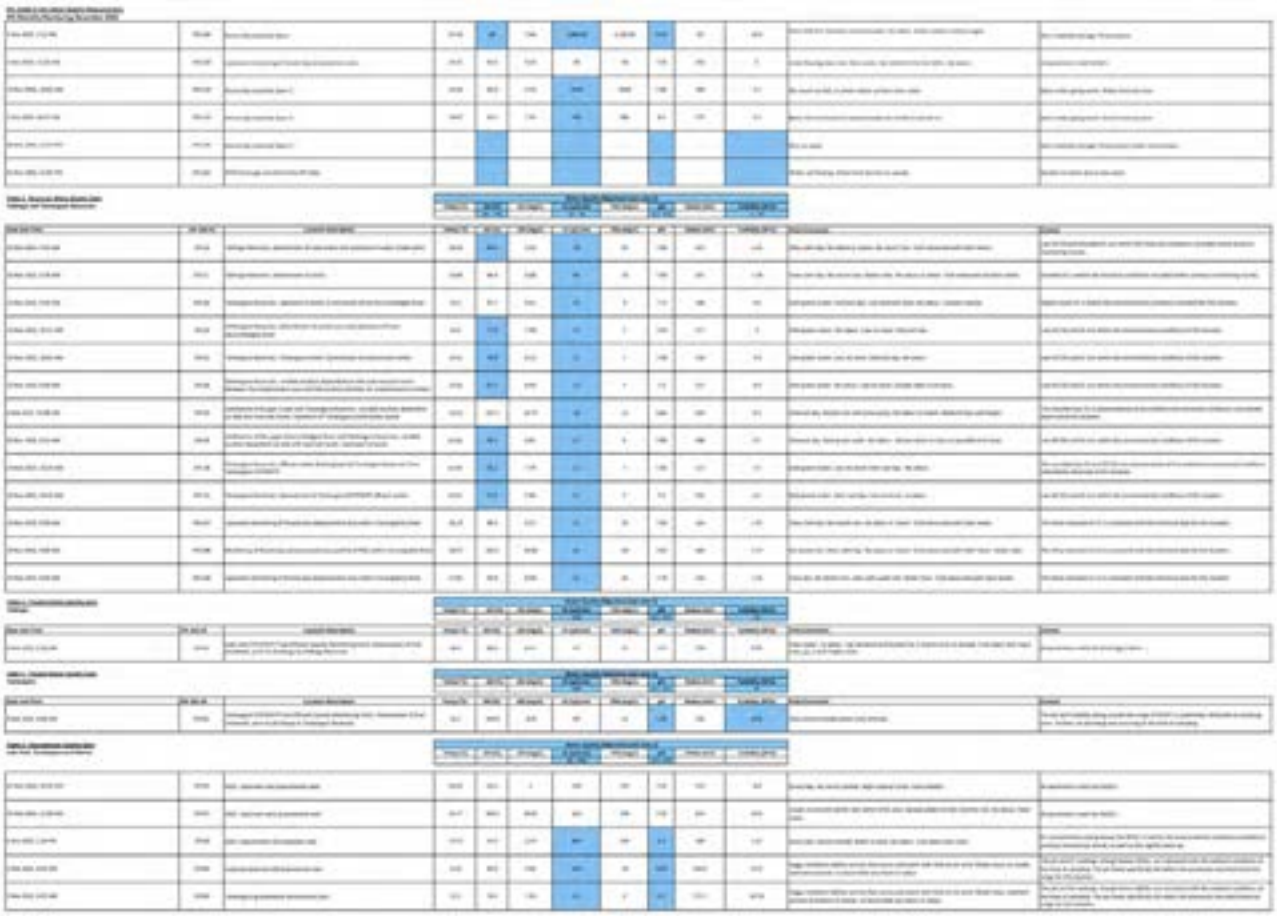
Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month.

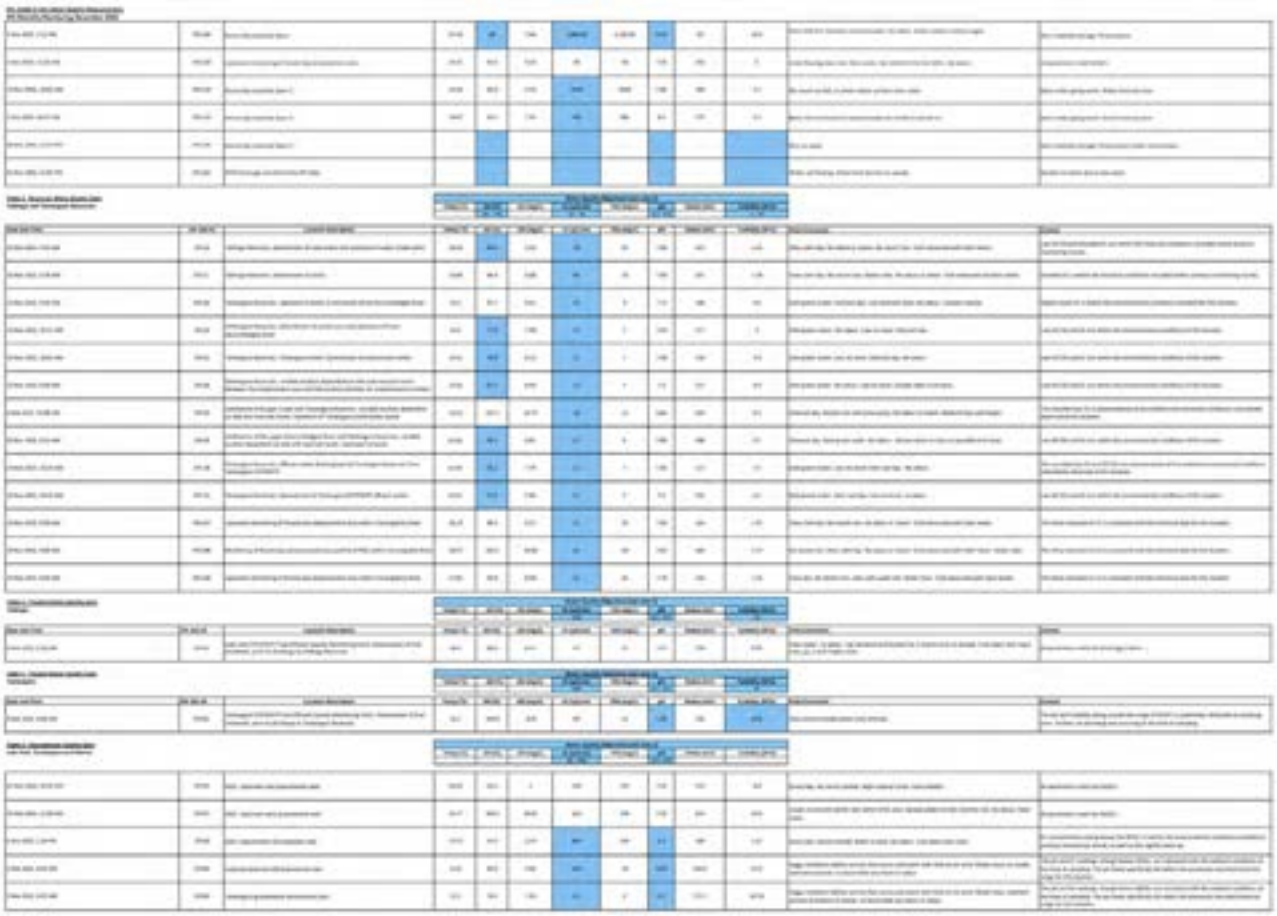
The maximum flow rate capacity for Lobs Hole STP/PWTP during the reporting month was 7.63 L/s

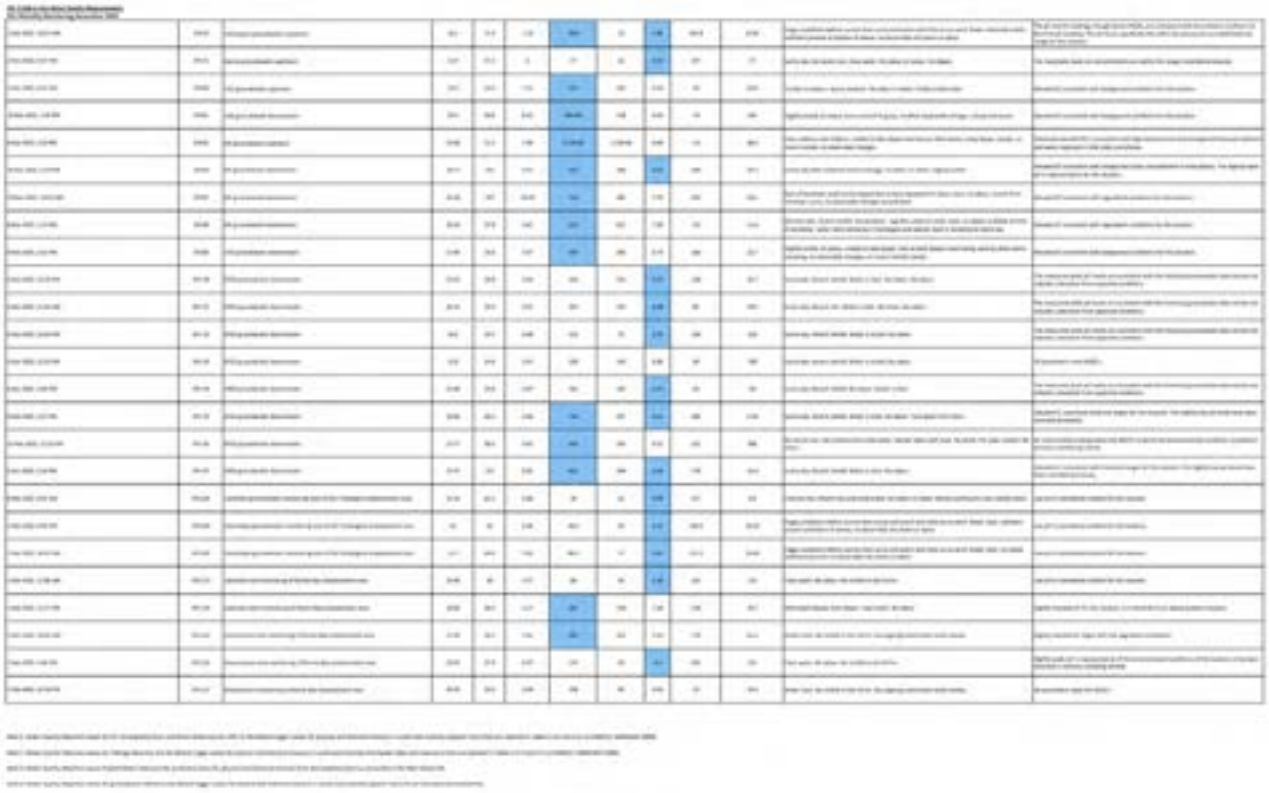
The maximum flow rate capacity for Tantangara STP/PWTP during the reporting month was 18.68 L/s

Water not discharged on this day









Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 31 November 2025

Environmental Protection Licence No:	21366
Licensee:	Snowy Hydro Limited
Licensee address:	PO Box 332, Cooma, NSW 2630
Premises:	Snowy 2.0 Pumped Hydro Power Station Tallengo and Tantangara, Kosciuszko National Park and Rock Forest, Kosciuszko NSW 2642
EPA Public Register:	https://apps.epa.nsw.gov.au/prpoeoapp/ViewLicence.aspx?DOCID=211366&SYSUID=1&LICID=21366&option=true&siteno=21366

Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No 21366 - Variation 20 December 2024, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.

A map showing the location of each of the EPL named sampling points is provided after the results tables.

Groundwater

Groundwater bores at EPL2, EPL4, and EPL25 remain submerged under sediment or water due to location within a drain or spillway, making them unrepresentative. Nutrient concentrations continue to exceed in bores within GPE1 and Mainyard areas. Exceedances of heavy metals including arsenic, chromium, copper, iron, nickel, and zinc have been recorded at GP05, Mainyard, and Ravine Bay. Iron exceedances are limited to EPL81, EPL82, and EPL117. Groundwater at Tantangara continues exceedances in nutrients and metals such as copper and zinc.

Reservoir

An increase in faecal coliforms has been observed at EPL10 and EPL11 during this reporting period, likely due to the increasing temperature and notable green colour within the shallower waterbody and the calm nature of the waterbody during sampling. Resampling of these locations is being conducted by the Contractor.

Surface Water

Seasonal changes, including reduced rainfall and warmer temperatures, resulted in several sites being dry and unable to be sampled, including EPL55, EPL98 and EPL122.

Nutrient exceedances were recorded at EPL24 likely due to the ephemeral nature of the waterways and proximity to GP05. Minor elevations in nutrient concentrations were also observed at EPL26 and EPL37, likely influenced by low flows and interaction with hoofed stock. Arsenic was the only heavy metal exceedance, recorded at EPL33.

Leachate storage infrastructure continues to exhibit the highest nutrient concentrations and electrical conductivity across the monitoring network.

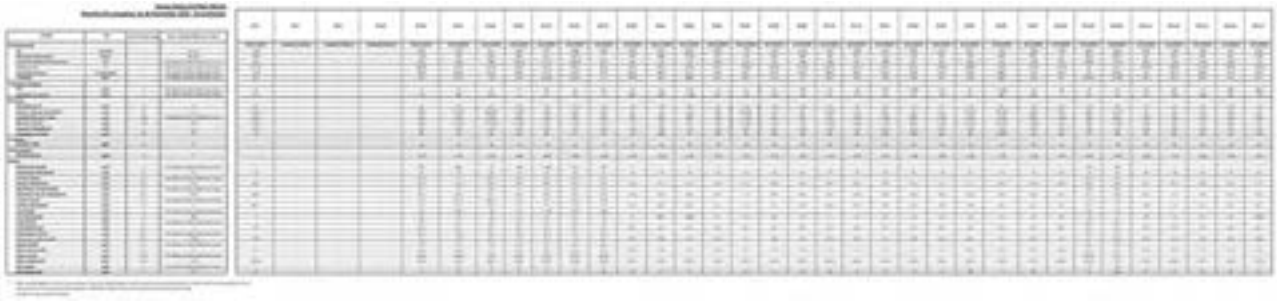
Discharge

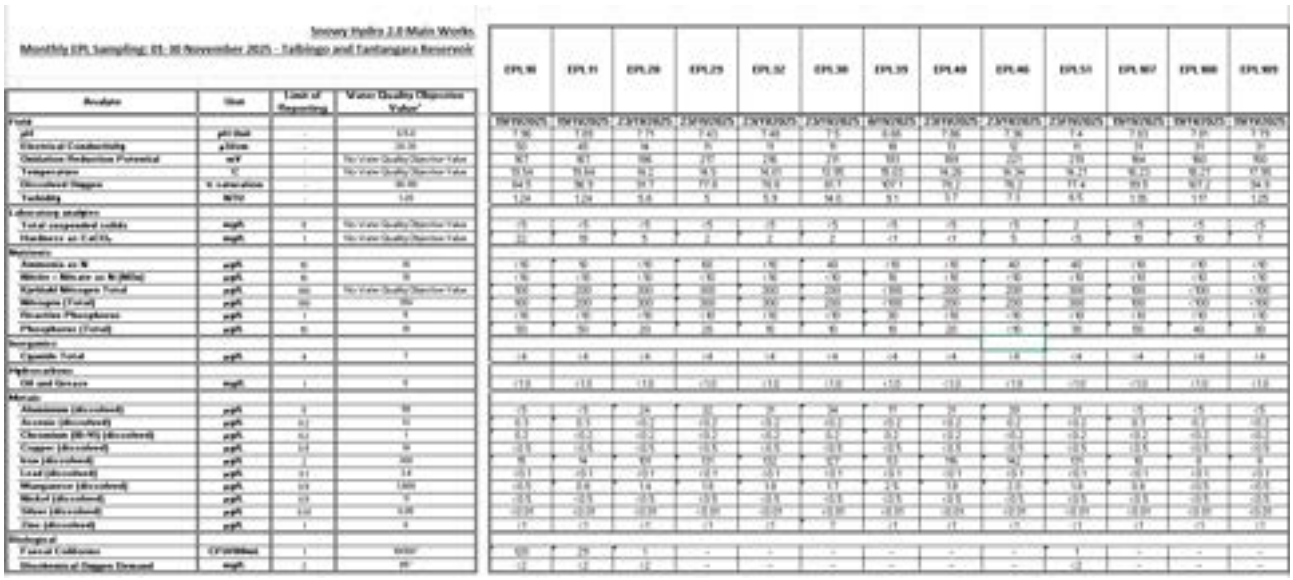
Analytical results for EPL41 and EPL50 complied with discharge criteria during the month of November. A sampling error occurred when testing EPL50 resulting in an inaccurate pH reading, outside of the discharge criteria, the location was sampled earlier that same day and returned compliant results. Discharge did not occur on the day of sample. Volumes discharged between 24/11/2025 and 30/11/2025 are pending due to a reporting systems upgrade in progress.

The publication of this pollution monitoring data is carried out in accordance with section 66 (6) of the Protection of the Environment Operations Act 1997 (NSW).

Snowy Hydro Limited gives no warranty or representation regarding the data suitability for any particular purpose.

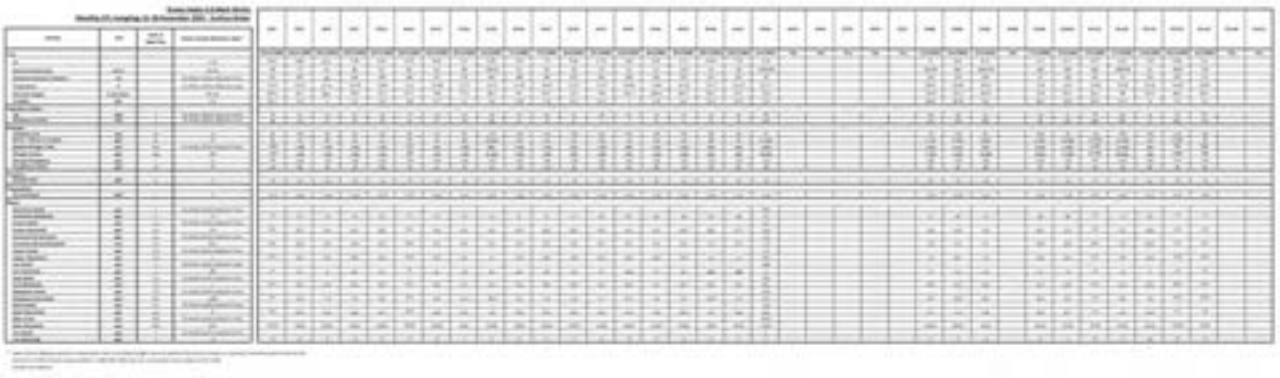
Snowy Hydro Limited excludes all liability to any person for loss or damage of any kind (however caused, including but not limited to by negligence) arising whether directly or indirectly from or relating in any way to the use of this data, whether in whole or in part.





Snowy Hydro 2.0 Main Works
Monthly EPL Sampling: 01-30 November 2025 - Tallongo and Tantangara Reservoir

Analyte	Unit	Limit of Reporting	Water Quality Objective Value[1]	EPL30	EPL31	EPL29	EPL25	EPL32	EPL36	EPL35	EPL48	EPL46	EPL51	EPL907	EPL908	EPL909
Field																
pH	pH Unit	-	6.5-8.0	7.90	7.70	7.70	7.40	7.40	7.5	8.00	7.90	7.90	7.4	7.50	7.50	7.70
Electrical Conductivity	µS/cm	-	30-350	50	40	40	50	70	60	60	70	50	60	70	60	60
Oxidation Reduction Potential	mV	-	No Water Quality Objective Value	167	167	166	217	216	217	193	203	221	219	194	192	192
Temperature	°C	-	No Water Quality Objective Value	13.54	13.64	14.2	14.3	14.01	13.98	15.03	14.29	14.34	14.21	15.12	15.21	17.98
Dissolved Oxygen	% saturation	-	85-110	94.5	96.5	94.7	77.5	76.9	85.7	101.1	79.7	78.2	77.4	89.5	90.7	94.9
Turbidity	NTU	-	1-25	1.24	1.24	5.6	5	5.9	14.6	5.1	5.7	7.3	6.5	1.96	1.97	1.25
Laboratory analytes																
Total suspended solids	mg/L	5	No Water Quality Objective Value	<5	<5	<5	<5	<5	<5	<5	<5	<5	7	<5	<5	<5
Hardness as $CaCO_3$	mg/L	1	No Water Quality Objective Value	22	18	5	3	2	2	27	27	5	<5	10	10	7
Nutrients																
Ammonia as N	µg/L	10	15	<10	10	<10	60	<10	40	<10	<10	40	40	<10	<10	<10
Nitrite + Nitrate as N (NOx)	µg/L	10	15	<10	<10	<10	<10	<10	30	<10	<10	<10	<10	<10	<10	<10
Kjeldahl Nitrogen Total	µg/L	100	No Water Quality Objective Value	300	200	300	300	300	200	1,000	200	200	300	100	<100	<100
Nitrogen (Total)	µg/L	100	350	300	200	300	300	300	200	1,000	200	200	300	100	<100	<100
Reactive Phosphorus	µg/L	1	5	<10	<10	<10	<10	<10	30	<10	<10	<10	<10	<10	<10	<10
Phosphorus (Total)	µg/L	10	15	30	20	20	30	30	30	20	<10	30	30	40	40	30
Inorganics																
Cyanide Total	µg/L	4	7	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Hydrocarbons																
Oil and Grease	mg/L	1	5	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Metals																
Aluminium (dissolved)	µg/L	5	55	<5	<5	24	32	29	34	61	24	39	23	<5	<5	<5
Arsenic (dissolved)	µg/L	0.1	13	0.3	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.1
Chromium (III+VI) (dissolved)	µg/L	0.1	1	0.3	<0.1	<0.1	<0.1	<0.1	0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Copper (dissolved)	µg/L	0.5	14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Iron (dissolved)	µg/L	5	300	16	14	100	101	102	107	63	106	142	100	10	9	9
Lead (dissolved)	µg/L	0.1	3.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Manganese (dissolved)	µg/L	0.5	1,900	<0.5	0.6	1.6	1.8	1.8	1.7	4.5	1.8	3.0	1.8	0.6	<0.5	<0.5
Nickel (dissolved)	µg/L	0.5	8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Silver (dissolved)	µg/L	0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc (dissolved)	µg/L	1	8	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1
Biological																
Faecal Coliforms	CFU/100ml	1	14/100	100	26	1	-	-	-	-	-	-	1	-	-	-
Dissolved Oxygen Deficit	mg/L	1	20	<1	<1	<1	-	-	-	-	-	-	<1	-	-	-



Monthly EPL Sampling: 01-30 November 2025 - Discharge Water

Analyte	Unit	Limit of Reporting	Discharge Criteria	EPL 41	EPL 50
Field				09 Nov 2025	09 Nov 2025
pH	pH Unit	-	6.5-8.5	7.47	5.46
Electrical Conductivity	µS/cm	-	700 (EPL 41) / 200 (EPL 50)	47	80
Oxidation Reduction Potential	mV	-	No Water Quality Objective Value	210	256
Temperature	°C	-	15	18.5	16.2
Dissolved Oxygen	% saturation	-	No Water Quality Objective Value	86.6	109.9
Turbidity	NTU	-	<25	0.95	40.8
Laboratory analytes					
Total suspended solids	mg/L	5	5/10	<5	<5
Hardness as $CaCO_3$	mg/L	1	No Water Quality Objective Value	<1	<1
Nutrients					
Ammonia as N	µg/L	10	1000/2000^	<10	30
Nitrite + Nitrate as N (NOx)	µg/L	10	No Water Quality Objective Value	150	60
Kjeldahl Nitrogen Total	µg/L	100	No Water Quality Objective Value	<100	200
Nitrogen (Total)	µg/L	100	1500/3000^	200	300
Reactive Phosphorus	µg/L	1	No Water Quality Objective Value	<10	<10
Phosphorus (Total)	µg/L	10	300/500^	30	40
Inorganics					
Cyanide Total	µg/L	4	No Water Quality Objective Value	<4	<4
Hydrocarbons					
Oil and Grease	mg/L	1	2/5^	<1.0	<1.0
Metals					
Aluminium (dissolved)	µg/L	5	55	<5	<5
Arsenic (dissolved)	µg/L	0.2	13	<0.2	<0.2
Chromium (III+VI) (dissolved)	µg/L	0.2	1	<0.2	<0.2
Copper (dissolved)	µg/L	0.5	14	<0.5	<0.5
Iron (dissolved)	µg/L	2	300	<2	<2
Lead (dissolved)	µg/L	0.1	3.4	<0.1	<0.1
Manganese (dissolved)	µg/L	0.5	1,900	<0.5	<0.5
Nickel (dissolved)	µg/L	0.5	11	<0.5	<0.5
Silver (dissolved)	µg/L	0.01	0.05	<0.01	<0.01
Zinc (dissolved)	µg/L	1	8	<1	<1
Biological					
Faecal Coliforms	CFU/100mL	1	10/100^	<1	<1
Biological Oxygen Demand	mg/L	2	3.5/5^	<2	<2

Note: Treated water was not being discharged at Tantangara Reservoir at the time of EPL sampling.

^ 90 Percentile concentration limit/100 Percentile limit

Snowy Hydro 2.0 Main Works
Monthly EPL Sampling: 01-30 November 2025 - Volumes

Date	EPL 43 *	EPL 50 ^
	Discharge volume (Megalitres)	
1/11/2025	1.02	0.52
2/11/2025	0.76	-
3/11/2025	-	0.25
4/11/2025	1.20	0.19
5/11/2025	0.81	0.27
6/11/2025	1.02	-
7/11/2025	1.00	0.57
8/11/2025	0.98	0.24
9/11/2025	0.19	-
10/11/2025	0.91	0.46
11/11/2025	-	0.14
12/11/2025	0.77	-
13/11/2025	0.70	0.14
14/11/2025	0.56	0.35
15/11/2025	0.94	0.18
16/11/2025	-	0.22
17/11/2025	0.43	0.32
18/11/2025	0.88	-
19/11/2025	0.66	-
20/11/2025	0.72	0.48
21/11/2025	0.65	-
22/11/2025	0.54	-
23/11/2025	0.70	0.27
24/11/2025	*	*
25/11/2025	*	*
26/11/2025	*	*
27/11/2025	*	*
28/11/2025	*	*
29/11/2025	*	*
30/11/2025	*	*

Water not discharged on this day

Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month.
Volumes discharged between 24/11/2025 and 30/11/2025 are pending due to a reporting systems upgrade in progress.

APPENDIX C – EXCEEDANCE MAPS

EPL5, EPL12, EPL6

EPL1

EPL1

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	TKN	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)
EPL1	21 Aug 2025	29	119	0.05	3.2	<0.01	2.83	0.3	<0.005	0.0007	<0.0002	0.123	<0.002	<0.0001	0.122	0.0031	<0.00001	0.004
EPL1	29 Nov 2025	22	173	0.01	2.8	0.05	2.31	0.5	<0.005	0.0004	<0.0002	0.0002	0.004	<0.0001	0.196	0.0031	<0.00001	0.006

EPL8, EPL14, EPL15

EPL8

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	TKN	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL8	02 Jun 2025	9	68	0.03	0.1	<0.01	0.12	<0.1	0.005	0.0005	<0.0002	<0.0005	0.017	<0.0001	0.0014	<0.0005	<0.00001	<0.001	<1.0
EPL8	15 Jul 2025	7	38	0.02	0.1	<0.01	0.04	0.1	0.028	0.0003	0.0002	0.0007	0.036	<0.0001	0.0014	<0.0005	<0.00001	<0.001	<1.0
EPL8	05 Aug 2025	<5	33	0.02	<0.1	<0.01	0.04	<0.1	0.014	0.0002	0.0002	<0.0005	0.026	<0.0001	0.0014	<0.0005	<0.00001	<0.001	<1.0
EPL8	05 Sep 2025	<5	31	0.05	<0.1	<0.01	<0.01	<0.1	0.012	0.0002	<0.0002	<0.0005	0.015	<0.0001	0.0011	<0.0005	<0.00001	<0.001	<1.0
EPL8	28 Oct 2025	<5	38	0.04	0.2	0.02	0.02	0.2	0.015	0.0003	<0.0002	<0.0005	0.029	<0.0001	0.0015	<0.0005	<0.00001	<0.001	<1.0
EPL8	22 Nov 2025	<5	47	0.02	<0.1	0.01	0.06	<0.1	<0.005	0.0004	<0.0002	<0.0005	0.009	<0.0001	0.0013	<0.0005	<0.00001	0.004	<1.0

EPL15

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	TKN	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL15	02 Jun 2025	9	68	0.04	<0.1	<0.01	<0.01	<0.1	0.005	0.0005	0.0002	<0.0005	0.016	<0.0001	0.0012	<0.0005	<0.00001	<0.001	<1.0
EPL15	15 Jul 2025	<5	34	<0.01	0.1	0.02	0.02	0.1	0.038	0.0002	0.0002	0.0017	0.048	<0.0001	0.0013	<0.0005	<0.00001	<0.001	<1.0
EPL15	05 Aug 2025	<5	31	<0.01	<0.1	<0.01	<0.01	<0.1	0.016	0.0002	0.0003	<0.0005	0.021	<0.0001	0.0014	<0.0005	<0.00001	<0.001	<1.0
EPL15	05 Sep 2025	<5	28	0.03	<0.1	<0.01	<0.01	<0.1	0.013	0.0002	<0.0002	<0.0005	0.016	<0.0001	0.0010	<0.0005	<0.00001	<0.001	<1.0
EPL15	28 Oct 2025	<5	27	0.06	0.2	<0.01	<0.01	0.2	0.015	0.0003	<0.0002	<0.0005	0.029	<0.0001	0.0013	<0.0005	<0.00001	<0.001	<1.0
EPL15	22 Nov 2025	<5	47	0.02	0.1	0.01	0.02	0.1	<0.005	0.0004	0.0002	<0.0005	0.008	<0.0001	0.0009	<0.0005	<0.00001	<0.001	<1.0

EPL14

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	TKN	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL14	02 Jun 2025	12	66	0.02	0.1	0.02	<0.01	0.1	0.008	0.0003	<0.0002	<0.0005	0.017	<0.0001	0.0008	<0.0005	<0.00001	<0.001	<1.0
EPL14	15 Jul 2025	<5	22	0.02	0.2	0.01	<0.01	0.2	0.030	0.0002	0.0002	<0.0005	0.048	<0.0001	0.0013	<0.0005	<0.00001	<0.001	<1.0
EPL14	05 Aug 2025	<5	28	0.04	<0.1	<0.01	<0.01	<0.1	0.019	0.0002	0.0002	<0.0005	0.021	<0.0001	0.0021	<0.0005	<0.00001	<0.001	<1.0
EPL14	05 Sep 2025	<5	29	0.04	<0.1	<0.01	<0.01	<0.1	0.012	0.0002	<0.0002	<0.0005	0.017	<0.0001	0.0018	<0.0005	<0.00001	<0.001	<1.0
EPL14	27 Oct 2025	<5	27	0.02	0.2	<0.01	<0.01	0.2	0.006	0.0003	<0.0002	<0.0005	0.012	<0.0001	0.0018	<0.0005	<0.00001	<0.001	<1.0
EPL14	22 Nov 2025	<5	47	0.02	0.1	0.02	0.01	0.1	<0.005	0.0004	<0.0002	<0.0005	0.008	<0.0001	0.0009	<0.0005	<0.00001	<0.001	<1.0

EPL9, EPL16

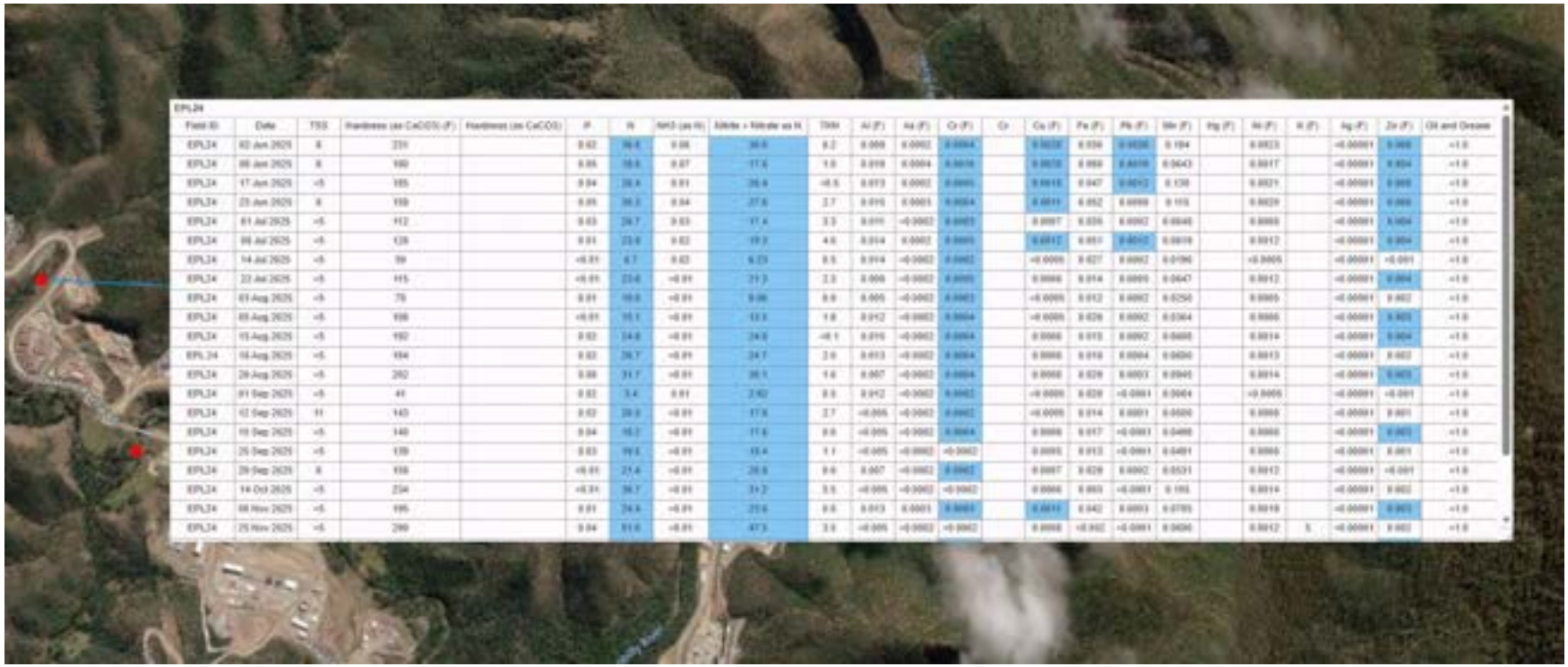
EPL9

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	TKN	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL9	09 Jun 2025	6	38	0.03	0.2	0.01	0.01	0.2	0.030	0.0004	0.0004	0.0010	0.063	<0.0001	0.0023	<0.0005	<0.00001	<0.001	<1.0
EPL9	15 Jul 2025	<5	24	0.03	0.2	<0.01	0.02	0.2	0.030	0.0002	0.0002	<0.0005	0.046	<0.0001	0.0022	<0.0005	<0.00001	<0.001	<1.0
EPL9	05 Aug 2025	<5	31	<0.01	<0.1	<0.01	<0.01	<0.1	0.014	0.0002	0.0003	<0.0005	0.021	<0.0001	0.0028	<0.0005	<0.00001	<0.001	<1.0
EPL9	05 Sep 2025	<5	28	0.03	<0.1	<0.01	<0.01	<0.1	0.013	0.0002	<0.0002	<0.0005	0.016	<0.0001	0.0018	<0.0005	<0.00001	<0.001	<1.0
EPL9	28 Oct 2025	<5	27	0.04	0.2	<0.01	0.02	0.2	0.014	0.0003	<0.0002	<0.0005	0.030	<0.0001	0.0023	<0.0005	<0.00001	<0.001	<1.0
EPL9	22 Nov 2025	<5	47	0.01	<0.1	0.02	0.01	<0.1	<0.005	0.0005	<0.0002	<0.0005	0.010	<0.0001	0.0019	<0.0005	<0.00001	<0.001	<1.0

EPL16

Field ID	Date	TSS	Hardness (as CaCO3) (F)	Hardness (as CaCO3)	P	N	NH3 (as N)	Nitrite + Nitrate as N	TKN	Al (F)	As (F)	Cr (F)	Cr	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Hg (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL16	02 Jun 2025	<5	66		0.05	<0.1	<0.01	<0.01	<0.1	0.006	0.0006	<0.0002		<0.0005	0.029	<0.0001	0.0026		<0.0005	<0.00001	<0.001	<1.0
EPL16	15 Jul 2025	<5	24		0.08	0.2	<0.01	0.01	0.2	0.038	0.0002	0.0002		<0.0005	0.047	<0.0001	0.0016		<0.0005	<0.00001	<0.001	<1.0
EPL16	05 Aug 2025	<5	31		0.02	<0.1	<0.01	0.02	<0.1	0.016	0.0002	0.0003		<0.0005	0.021	<0.0001	0.0029		<0.0005	<0.00001	<0.001	<1.0
EPL16	05 Sep 2025	<5	28		0.03	<0.1	<0.01	<0.01	<0.1	0.011	0.0002	<0.0002		<0.0005	0.018	<0.0001	0.0019		<0.0005	<0.00001	<0.001	<1.0
EPL16	28 Oct 2025	<5	27		0.01	0.2	0.01	<0.01	0.2	0.014	0.0003	<0.0002		<0.0005	0.030	<0.0001	0.0017		<0.0005	<0.00001	<0.001	<1.0
EPL16-1	22 Nov 2025	<5	48		0.02	<0.1	0.02	0.02	<0.1	<0.005	0.0003	<0.0002		<0.0005	0.009	<0.0001	0.0012		<0.0005	<0.00001	<0.001	<1.0
QA_Lotte_3	05 Aug 2025	<5	31		0.02	0.1	<0.01	0.02	0.1	0.014	0.0002	0.0003		<0.0005	0.029	<0.0001	0.0025		<0.0005	<0.00001	<0.001	<1.0
QA_LOB3_4	05 Aug 2025	<5		30	0.010		0.005	0.050	<0.2	0.016	<0.001	<0.001	0.001	<0.001	<0.05	<0.001	<0.005	<0.0001	<0.001	<0.005	<0.005	<5

EPL24



EPL24

Field ID	Date	TSS	Hardness (as CaCO3) (F)	Hardness (as CaCO3)	P	N	NH3 (as N)	Nitrite + Nitrate as N	TKN	Al (F)	As (F)	Cr (F)	Cr	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Hg (F)	Ni (F)	V (F)	Ag (F)	Zn (F)	Oil and Grease
EPL24	02 Jun 2025	8	231		0.02	36.6	0.08	36.6	0.2	0.008	0.0002	0.0004		0.0028	0.034	0.0026	0.154		0.0023		<0.00001	0.008	<1.0
EPL24	09 Jun 2025	8	180		0.05	18.6	0.07	17.6	1.0	0.018	0.0004	0.0016		0.0070	0.888	0.0019	0.0443		0.0017		<0.00001	0.004	<1.0
EPL24	17 Jun 2025	<5	185		0.04	28.4	0.01	26.4	<0.5	0.013	0.0002	0.0001		0.0018	0.047	0.0012	0.138		0.0021		<0.00001	0.005	<1.0
EPL24	23 Jun 2025	8	159		0.05	36.2	0.04	27.6	2.7	0.015	0.0003	0.0004		0.0011	0.852	0.0008	0.115		0.0029		<0.00001	0.008	<1.0
EPL24	01 Jul 2025	<5	112		0.03	24.7	0.03	17.4	3.3	0.011	<0.0002	0.0003		0.0007	0.035	0.0002	0.0545		0.0008		<0.00001	0.004	<1.0
EPL24	08 Jul 2025	<5	128		0.01	23.6	0.02	19.2	4.6	0.014	0.0002	0.0005		0.0012	0.051	0.0012	0.0619		0.0012		<0.00001	0.004	<1.0
EPL24	14 Jul 2025	<5	59		<0.01	6.7	0.02	6.23	0.5	0.014	<0.0002	0.0002		<0.0005	0.027	0.0002	0.0196		<0.0005		<0.00001	<0.001	<1.0
EPL24	22 Jul 2025	<5	115		<0.01	23.6	<0.01	21.3	2.3	0.009	<0.0002	0.0005		0.0008	0.014	0.0009	0.0647		0.0012		<0.00001	0.004	<1.0
EPL24	03 Aug 2025	<5	78		0.01	16.6	<0.01	9.06	8.6	0.005	<0.0002	0.0003		<0.0005	0.012	0.0002	0.0250		0.0005		<0.00001	0.002	<1.0
EPL24	09 Aug 2025	<5	108		<0.01	15.1	<0.01	13.5	1.6	0.012	<0.0002	0.0004		<0.0005	0.029	0.0002	0.0364		0.0005		<0.00001	0.003	<1.0
EPL24	15 Aug 2025	<5	150		0.02	24.8	<0.01	24.8	<0.1	0.015	<0.0002	0.0004		0.0006	0.015	0.0002	0.0405		0.0014		<0.00001	0.004	<1.0
EPL 24	16 Aug 2025	<5	164		0.02	26.7	<0.01	24.7	2.0	0.013	<0.0002	0.0004		0.0006	0.016	0.0004	0.0630		0.0013		<0.00001	0.002	<1.0
EPL24	28 Aug 2025	<5	202		0.06	31.7	<0.01	30.1	1.6	0.007	<0.0002	0.0004		0.0008	0.029	0.0003	0.0945		0.0014		<0.00001	0.003	<1.0
EPL24	01 Sep 2025	<5	41		0.02	3.4	0.01	2.62	0.8	0.012	<0.0002	0.0002		<0.0005	0.029	<0.0001	0.0064		<0.0005		<0.00001	<0.001	<1.0
EPL24	12 Sep 2025	11	143		0.02	28.8	<0.01	17.6	2.7	<0.005	<0.0002	0.0002		<0.0005	0.014	0.0001	0.0330		0.0006		<0.00001	0.001	<1.0
EPL24	15 Sep 2025	<5	140		0.04	16.2	<0.01	17.6	0.8	<0.005	<0.0002	0.0004		0.0006	0.017	<0.0001	0.0498		0.0006		<0.00001	0.003	<1.0
EPL24	25 Sep 2025	<5	139		0.03	19.6	<0.01	18.4	1.1	<0.005	<0.0002	<0.0002		0.0005	0.013	<0.0001	0.0481		0.0006		<0.00001	0.001	<1.0
EPL24	29 Sep 2025	8	158		<0.01	21.4	<0.01	20.8	0.6	0.007	<0.0002	0.0002		0.0007	0.029	0.0002	0.0531		0.0012		<0.00001	<0.001	<1.0
EPL24	14 Oct 2025	<5	234		<0.01	36.7	<0.01	31.2	5.5	<0.005	<0.0002	<0.0002		0.0006	0.003	<0.0001	0.155		0.0014		<0.00001	0.002	<1.0
EPL24	08 Nov 2025	<5	195		0.01	24.4	<0.01	23.6	0.8	0.013	0.0001	0.0003		0.0011	0.042	0.0001	0.0781		0.0018		<0.00001	0.003	<1.0
EPL24	25 Nov 2025	<5	299		0.04	51.6	<0.01	47.3	3.0	<0.005	<0.0002	<0.0002		0.0008	<0.002	<0.0001	0.0436		0.0012	5	<0.00001	0.002	<1.0

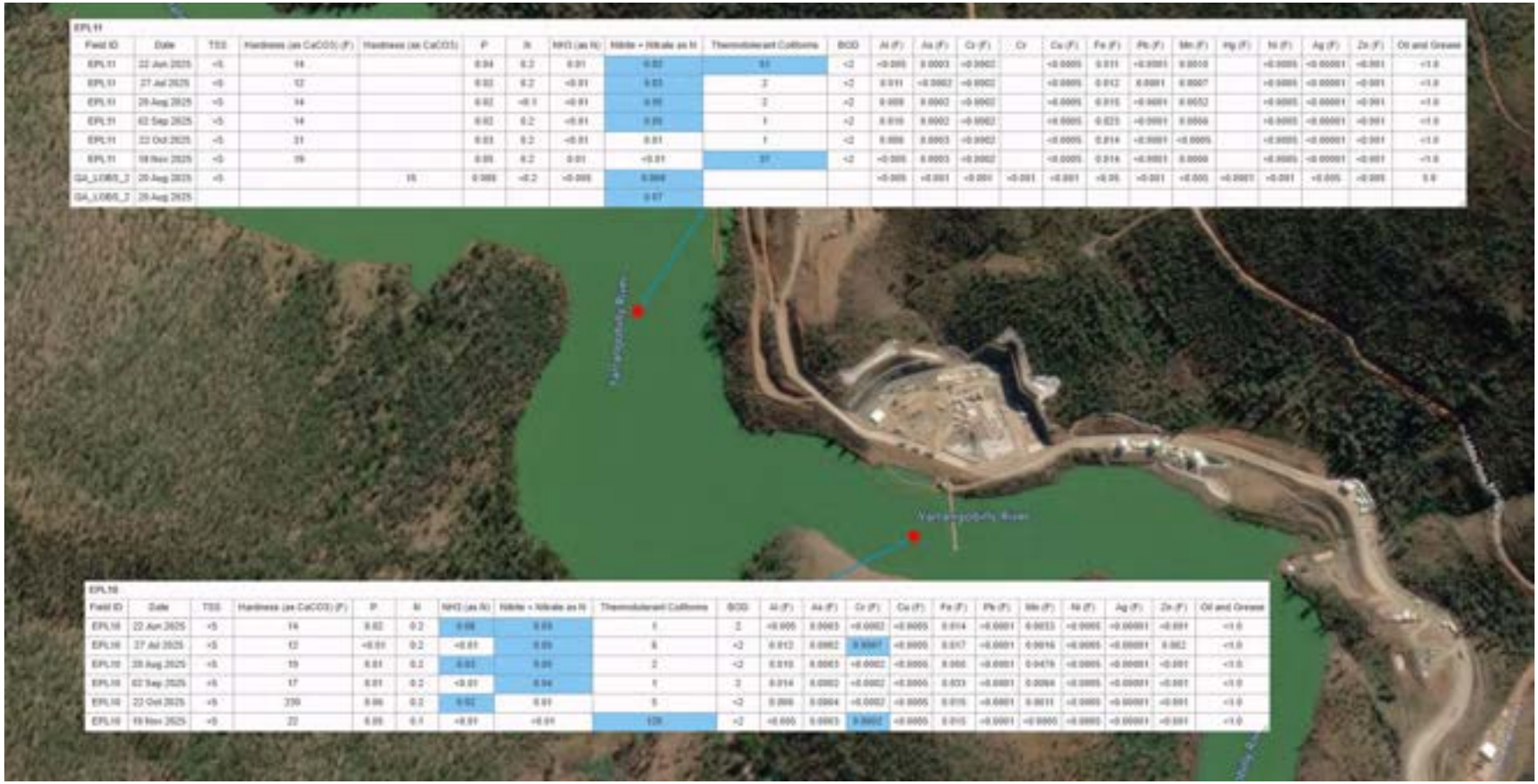
EPL122

EPL55

EPL55

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al	Al (F)	As	As (F)	Cr	Cr (F)	Cu	Cu (F)	Fe	Fe (F)	Pb	Pb (F)	Mn	Mn (F)	Ni	Ni (F)	Ag	Ag (F)	Zn	Zn (F)	Oil and Grease
EPL55	01 Jul 2025	<5	385	0.04	46.7	0.02	18.4	0.624	<0.005	0.0002	0.0003	0.0004	0.0004	<0.0005	<0.0005	0.622	<0.002	<0.0001	<0.0001	0.0140	0.0143	0.0017	0.0015	<0.00001	<0.00001	0.006	0.004	<1.0
EPL55	09 Jul 2025	<5	425	0.03	62.1	0.06	15.6	0.156	<0.005	0.0004	0.0003	0.0011	0.0008	0.0006	<0.0005	0.124	<0.002	0.0002	<0.0001	0.0046	0.0027	0.0012	0.0010	<0.00001	<0.00001	0.003	0.001	<1.0
EPL55	14 Jul 2025	<5	394	<0.01	60.0	0.02	16.3	0.436	<0.005	0.0003	0.0003	0.0004	0.0006	<0.0005	<0.0005	0.028	<0.002	<0.0001	<0.0001	0.0044	0.0042	0.0011	0.0011	<0.00001	<0.00001	0.002	0.001	<1.0
EPL55	22 Jul 2025	<5	344	0.02	58.8	<0.01	16.3	0.026	<0.005	0.0003	0.0003	0.0006	0.0005	<0.0005	<0.0005	0.029	<0.002	0.0003	0.0002	0.0018	0.0015	0.0010	0.0010	<0.00001	<0.00001	0.002	0.002	<1.0
EPL55	31 Jul 2025	<5	323	0.02	44.8	<0.01	21.4	0.027	0.006	0.0002	0.0002	0.0001	0.0001	<0.0005	<0.0005	0.025	<0.002	0.0002	0.0002	0.0050	0.0075	0.0012	0.0014	<0.00001	<0.00001	0.004	0.004	<1.0
EPL55	05 Aug 2025	<5	339	<0.01	50.5	<0.01	48.9	0.030	<0.005	0.0002	<0.0002	0.0007	0.0007	<0.0005	<0.0005	0.034	<0.002	<0.0001	<0.0001	0.0042	0.0038	0.0013	0.0010	<0.00001	<0.00001	0.004	0.001	<1.0
EPL 55	10 Aug 2025	5	404	0.04	63.2	0.01	16.5	0.674	<0.005	0.0003	0.0002	0.0010	0.0003	<0.0005	<0.0005	0.068	<0.002	0.0001	<0.0001	0.0031	0.0027	0.0008	0.0005	<0.00001	<0.00001	0.002	<0.001	<1.0
EPL55	26 Aug 2025	<5	388	0.03	62.4	<0.01	28.9		<0.005		0.0002		0.0005		<0.0005		<0.002		<0.0001		0.0006		0.0005		<0.00001		<0.001	<1.0
EPL55	01 Sep 2025	<5	268	0.03	59.5	0.02	37.9	0.139	<0.005	0.0003	0.0002	0.0007	0.0005	<0.0005	<0.0005	0.136	<0.002	0.0002	<0.0001	0.0039	0.0034	0.0010	0.0007	<0.00001	<0.00001	0.003	<0.001	<1.0
EPL 55	12 Sep 2025	<5	320	0.01	48.5	0.02	44.3	0.064	<0.005	0.0003	0.0002	0.0004	0.0003	<0.0005	<0.0005	0.079	<0.002	<0.0001	<0.0001	0.0027	<0.0005	0.0006	0.0006	<0.00001	<0.00001	0.002	<0.001	<1.0
EPL 55	15 Sep 2025	6	339	0.07	46.7	0.02	46.4	0.554	<0.005	0.0003	0.0002	0.0009	0.0007	<0.0005	<0.0005	0.075	<0.002	0.0002	<0.0001	0.0029	0.0008	0.0007	<0.0005	<0.00001	<0.00001	0.003	<0.001	<1.0

EPL10, EPL11



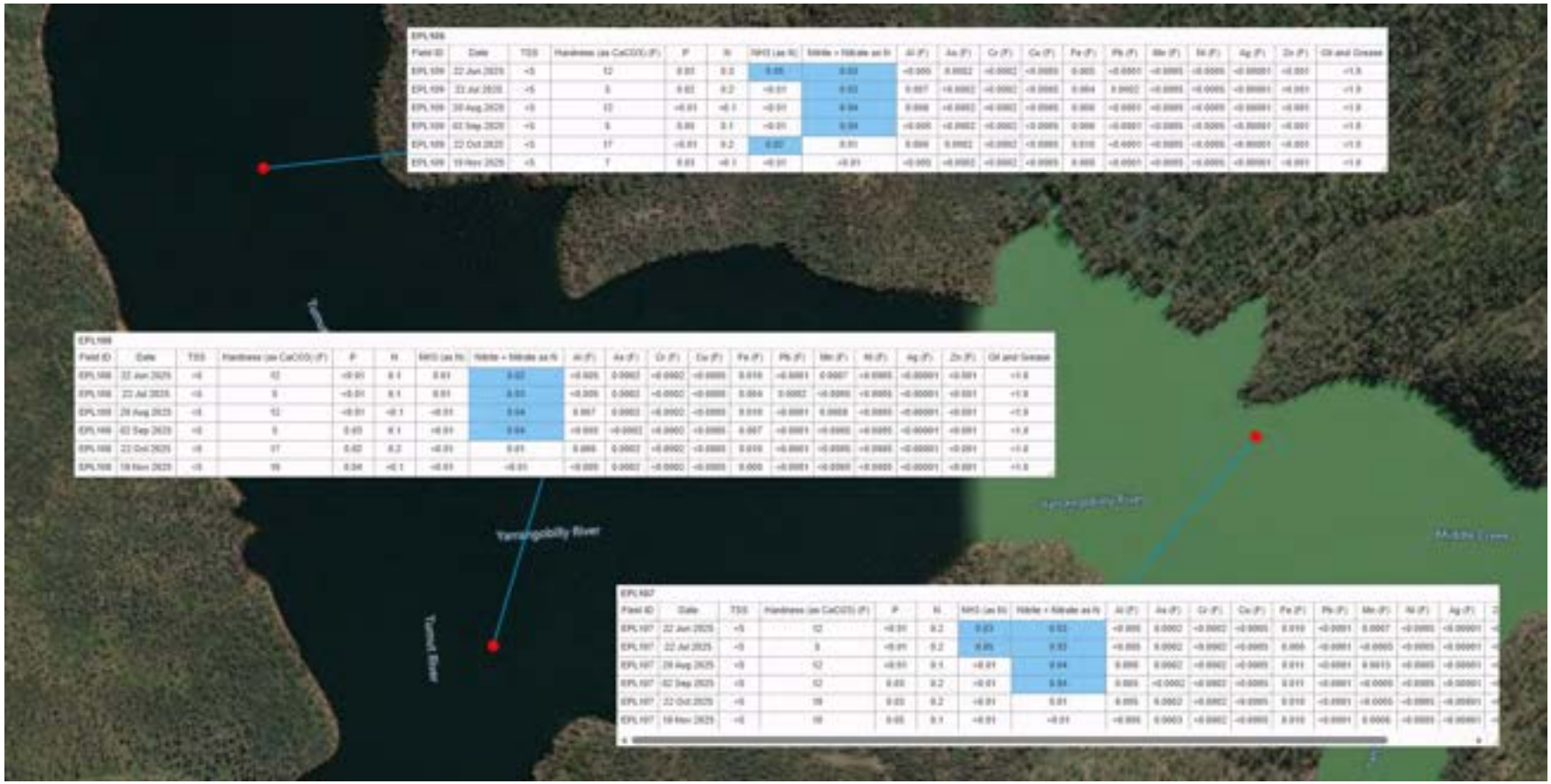
EPL11

Field ID	Date	TSS	Hardness (as CaCO3) (F)	Hardness (as CaCO3)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Thermotolerant Coliforms	BOD	Al (F)	As (F)	Cr (F)	Cr	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Hg (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL11	22 Jun 2025	<5	14		0.04	0.2	0.01	0.02	93	<2	<0.005	0.0003	<0.0002		<0.0005	0.011	<0.0001	0.0010		<0.0005	<0.00001	<0.001	<1.0
EPL11	27 Jul 2025	<5	12		0.02	0.2	<0.01	0.03	2	<2	0.011	<0.0002	<0.0002		<0.0005	0.012	0.0001	0.0007		<0.0005	<0.00001	<0.001	<1.0
EPL11	28 Aug 2025	<5	14		0.02	<0.1	<0.01	0.02	2	<2	0.008	0.0002	<0.0002		<0.0005	0.015	<0.0001	0.0052		<0.0005	<0.00001	<0.001	<1.0
EPL11	02 Sep 2025	<5	14		0.02	0.2	<0.01	0.02	1	<2	0.010	0.0002	<0.0002		<0.0005	0.023	<0.0001	0.0008		<0.0005	<0.00001	<0.001	<1.0
EPL11	22 Oct 2025	<5	21		0.03	0.2	<0.01	0.01	1	<2	0.009	0.0003	<0.0002		<0.0005	0.014	<0.0001	<0.0005		<0.0005	<0.00001	<0.001	<1.0
EPL11	18 Nov 2025	<5	19		0.05	0.2	0.01	<0.01	37	<2	<0.005	0.0003	<0.0002		<0.0005	0.014	<0.0001	0.0009		<0.0005	<0.00001	<0.001	<1.0
QA_LOBO_2	26 Aug 2025	<5		16	0.069	<0.2	<0.005	0.009			<0.005	<0.001	<0.001	<0.001	<0.001	0.05	<0.001	<0.005	<0.0001	<0.001	<0.005	<0.005	5.6
QA_LOBO_2	28 Aug 2025							0.07															

EPL10

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Thermotolerant Coliforms	BOD	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL10	22 Jun 2025	<5	14	0.02	0.2	0.06	0.03	1	2	<0.005	0.0003	<0.0002	<0.0005	0.014	<0.0001	0.0033	<0.0005	<0.00001	<0.001	<1.0
EPL10	27 Jul 2025	<5	12	<0.01	0.2	<0.01	0.03	6	<2	0.012	0.0002	0.0007	<0.0005	0.017	<0.0001	0.0016	<0.0005	<0.00001	0.002	<1.0
EPL10	28 Aug 2025	<5	19	0.01	0.2	0.03	0.03	2	<2	0.010	0.0003	<0.0002	<0.0005	0.055	<0.0001	0.0478	<0.0005	<0.00001	<0.001	<1.0
EPL10	02 Sep 2025	<5	17	0.01	0.2	<0.01	0.04	1	3	0.014	0.0002	<0.0002	<0.0005	0.023	<0.0001	0.0068	<0.0005	<0.00001	<0.001	<1.0
EPL10	22 Oct 2025	<5	230	0.06	0.2	0.02	0.01	5	<2	0.008	0.0004	<0.0002	<0.0005	0.015	<0.0001	0.0031	<0.0005	<0.00001	<0.001	<1.0
EPL10	19 Nov 2025	<5	22	0.03	0.1	<0.01	<0.01	129	<2	<0.005	0.0003	0.0002	<0.0005	0.015	<0.0001	<0.0005	<0.0005	<0.00001	<0.001	<1.0

EPL107, EPL108, EPL109



EPL81

EPL81

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cl (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL81	07 Jun 2025	878	432	0.35	0.5	0.07	<0.01	<0.005	0.0055	<0.0002	<0.0005	0.803	<0.0001	0.318	0.0184	<0.00001	0.016	<1.0
EPL81	14 Jun 2025	983	448	0.33	0.6	0.05	<0.01	<0.005	0.0043	<0.0002	0.0018	<0.002	<0.0001	0.322	0.0025	<0.00001	<0.001	<1.0
EPL81	21 Jun 2025	1550	452	1.12	1.3	0.08	<0.01	<0.005	0.0062	<0.0002	0.0038	0.002	<0.0001	0.356	0.0036	<0.00001	0.003	<1.0
EPL81	28 Jun 2025	1510	448	1.16	1.2	0.06	<0.01	<0.005	0.0077	<0.0002	0.0043	0.003	<0.0001	0.301	0.0036	<0.00001	0.003	<1.0
EPL81	12 Jul 2025	554	436	1.19	<1.0	0.07	<0.01	<0.005	0.0033	<0.0002	0.0029	0.002	<0.0001	0.225	0.0039	<0.00001	0.003	<1.0
EPL81	19 Jul 2025	541	393	0.69	0.6	0.09	0.04	<0.005	0.0043	0.0002	0.0023	0.004	<0.0001	0.334	0.0029	<0.00001	0.002	<1.0
EPL81	27 Jul 2025	48	432	0.52	0.5	0.05	0.03	<0.005	0.0048	0.0002	0.0008	2.26	0.0001	0.302	0.0022	<0.00001	0.009	<1.0
EPL81	31 Jul 2025	488	458	0.74	<1.0	0.09	0.04	<0.005	0.0103	<0.0002	<0.0005	1.82	0.0001	0.334	0.0036	<0.00001	0.004	<1.0
EPL81	06 Aug 2025	396	443	0.55	0.4	0.07	0.10	<0.005	0.0069	<0.0002	0.0012	0.008	<0.0001	0.263	0.0052	<0.00001	0.001	<1.0
EPL81	17 Aug 2025	88	432	0.66	<1.0	0.06	0.06	0.008	0.0104	<0.0002	0.0009	2.35	<0.0001	0.363	0.0033	<0.00001	0.004	<1.0
EPL81	23 Aug 2025	158	428	0.38	0.5	0.05	0.02	<0.005	0.0024	<0.0002	<0.0005	0.002	<0.0001	0.336	0.0016	<0.00001	<0.001	<1.0
EPL81	30 Aug 2025	282	413	0.72	<0.5	0.09	<0.01	<0.005	0.0008	<0.0002	<0.0005	0.002	<0.0001	0.194	0.0016	<0.00001	<0.001	<1.0
EPL81	06 Sep 2025	166	442	0.29	0.2	0.05	0.01	<0.005	0.0034	<0.0002	<0.0005	<0.002	<0.0001	0.316	0.0026	<0.00001	0.001	<1.0
EPL81	14 Sep 2025	656	422	0.55	0.6	0.05	0.10	<0.005	0.0012	<0.0002	0.0008	0.003	<0.0001	0.248	0.0027	<0.00001	0.001	<1.0
EPL81	21 Sep 2025	252	452	1.40	2.2	0.36	0.04	<0.005	0.0041	0.0003	<0.0005	1.275	<0.0001	0.274	0.0036	<0.00001	0.004	<1.0
EPL81	05 Oct 2025	282	398	0.46	<0.5	0.07	<0.01	<0.005	0.0034	<0.0002	<0.0005	2.06	<0.0001	0.362	0.0022	<0.00001	0.002	<1.0
EPL81	13 Oct 2025	116	418	0.39	0.2	0.08	<0.01	<0.005	0.0022	<0.0002	<0.0005	0.401	<0.0001	0.319	0.0015	<0.00001	<0.001	<1.0
EPL81	15 Oct 2025	52	407	0.31	0.1	0.07	<0.01	<0.005	0.0033	<0.0002	<0.0005	0.034	<0.0001	0.240	0.0016	<0.00001	<0.001	<1.0
EPL81	29 Oct 2025	9	408	0.35	0.2	0.05	<0.01	<0.005	0.0029	0.0003	<0.0005	0.496	<0.0001	0.323	0.0016	<0.00001	0.001	<1.0
EPL81	31 Oct 2025	102	402	0.29	0.3	0.10	<0.01	<0.005	0.0030	<0.0002	<0.0005	0.668	<0.0001	0.257	0.0019	<0.00001	<0.001	<1.0
EPL81	07 Nov 2025	378	412	0.43	1.1	0.09	<0.01	<0.005	0.0025	<0.0002	<0.0005	<0.002	<0.0001	0.285	0.0021	<0.00001	0.121	<1.0
EPL81	16 Nov 2025	6	398	0.35	0.2	0.12	<0.01	<0.005	0.0017	<0.0002	<0.0005	2.16	<0.0001	0.218	0.0013	<0.00001	0.001	<1.0
EPL81	18 Nov 2025	68	393	0.33	0.5	0.10	0.02	<0.005	0.0029	<0.0002	<0.0005	0.645	<0.0001	0.256	0.0016	<0.00001	<0.001	<1.0

EPL80

EPL80

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL 80	06 Jun 2025	16	406	0.04	<0.1	0.04	<0.01	<0.005	0.0018	<0.0002	<0.0005	0.804	<0.0001	0.268	0.0018	<0.00001	0.002	<5.0
EPL 80	14 Jun 2025	15	341	0.06	0.2	0.03	<0.01	<0.005	0.0018	<0.0002	<0.0005	<0.002	<0.0001	0.224	0.0072	<0.00001	<0.001	<5.0
EPL 80	21 Jun 2025	26	391	0.28	0.2	0.03	<0.01	<0.005	0.0007	<0.0002	0.0006	<0.002	<0.0001	0.213	0.0043	<0.00001	0.005	<5.0
EPL 80	28 Jun 2025	9	351	0.06	0.2	0.09	<0.01	<0.005	0.0003	<0.0002	0.0006	<0.002	<0.0001	0.229	0.0209	<0.00001	0.004	<5.0
EPL 80	05 Jul 2025	29	356	0.04	0.3	0.04	0.01	<0.005	0.0024	<0.0002	<0.0005	<0.002	<0.0001	0.246	0.0109	<0.00001	0.004	<5.0
EPL 80	12 Jul 2025	14	318	0.07	<0.1	0.06	<0.01	<0.005	0.0026	<0.0002	0.0006	<0.002	<0.0001	0.231	0.0231	<0.00001	0.004	<5.0
EPL 80	19 Jul 2025	31	364	0.03	<0.1	0.03	0.03	<0.005	0.0000	<0.0002	<0.0005	0.004	<0.0001	0.250	0.0206	<0.00001	0.005	<5.0
EPL 80	27 Jul 2025	19	336	0.07	0.1	0.02	<0.01	<0.005	0.0019	<0.0002	0.0014	0.045	<0.0001	0.237	0.0227	<0.00001	0.002	<5.0
EPL 80	02 Aug 2025	46	365	0.18	0.1	0.01	<0.01	<0.005	0.0009	<0.0002	<0.0005	0.243	0.0001	0.228	0.0214	<0.00001	0.004	<5.0
EPL 80	09 Aug 2025	5	353	0.02	<0.1	0.04	<0.01	<0.005	0.0024	<0.0002	<0.0005	<0.002	<0.0001	0.228	0.0263	<0.00001	0.003	<5.0
EPL 80	16 Aug 2025	17	357	0.12	0.1	0.02	<0.01	<0.005	0.0133	<0.0002	<0.0005	0.838	<0.0001	0.245	0.0314	<0.00001	0.006	<5.0
EPL 80	24 Aug 2025	11	362	0.08	0.1	0.02	<0.01	<0.005	0.0016	<0.0002	<0.0005	0.804	<0.0001	0.223	0.0148	<0.00001	0.006	<5.0
EPL 80	30 Aug 2025	<5	377	0.05	<0.1	0.01	0.03	<0.005	0.0009	<0.0002	<0.0005	<0.002	<0.0001	0.228	0.0203	<0.00001	0.003	<5.0
EPL 80	07 Sep 2025	21	379	0.05	0.1	0.01	<0.01	<0.005	0.0023	<0.0002	<0.0005	0.003	<0.0001	0.221	0.0251	<0.00001	0.003	<5.0
EPL 80	13 Sep 2025	17	342	0.09	0.1	0.03	<0.01	<0.005	0.0029	<0.0002	0.0010	<0.002	<0.0001	0.233	0.0178	<0.00001	0.017	<5.0
EPL 80	21 Sep 2025	39	411	0.04	<0.1	0.04	<0.01	<0.005	0.0055	<0.0002	0.0006	0.534	0.0002	0.224	0.0224	<0.00001	0.011	<5.0
EPL 80	05 Oct 2025	43	338	0.27	0.1	0.04	<0.01	<0.005	0.0027	<0.0002	<0.0005	0.003	<0.0001	0.229	0.0196	<0.00001	<0.001	<5.0
EPL 80	11 Oct 2025	51	364	0.09	0.1	0.03	<0.01	<0.005	0.0018	<0.0002	<0.0005	0.003	<0.0001	0.215	0.0162	<0.00001	<0.001	<5.0
EPL 80	14 Oct 2025	12	372	0.04	<0.1	0.02	<0.01	<0.005	0.0029	<0.0002	<0.0005	<0.002	<0.0001	0.111	0.0155	<0.00001	<0.001	<5.0
EPL 80	21 Oct 2025	25	362	0.03	0.1	0.02	<0.01	<0.005	0.0017	<0.0002	<0.0005	0.005	<0.0001	0.222	0.0168	<0.00001	0.001	<5.0
EPL 80	02 Nov 2025	23	357	0.06	0.2	0.03	0.01	<0.005	0.0019	<0.0002	<0.0005	0.004	<0.0001	0.213	0.0162	<0.00001	<0.001	<5.0
EPL 80	08 Nov 2025	16	375	0.03	0.2	0.03	<0.01	<0.005	0.0012	<0.0002	<0.0005	0.003	<0.0001	0.234	0.0162	<0.00001	0.001	<5.0
EPL 80	15 Nov 2025	29	366	0.10	0.2	0.03	<0.01	<0.005	0.0025	<0.0002	<0.0005	0.003	<0.0001	0.229	0.0191	<0.00001	0.002	<5.0
EPL 80	19 Nov 2025	31	349	0.06	0.1	0.02	<0.01	<0.005	0.0019	<0.0002	<0.0005	0.006	<0.0001	0.214	0.0162	<0.00001	0.001	<5.0

EPL82

EPL82

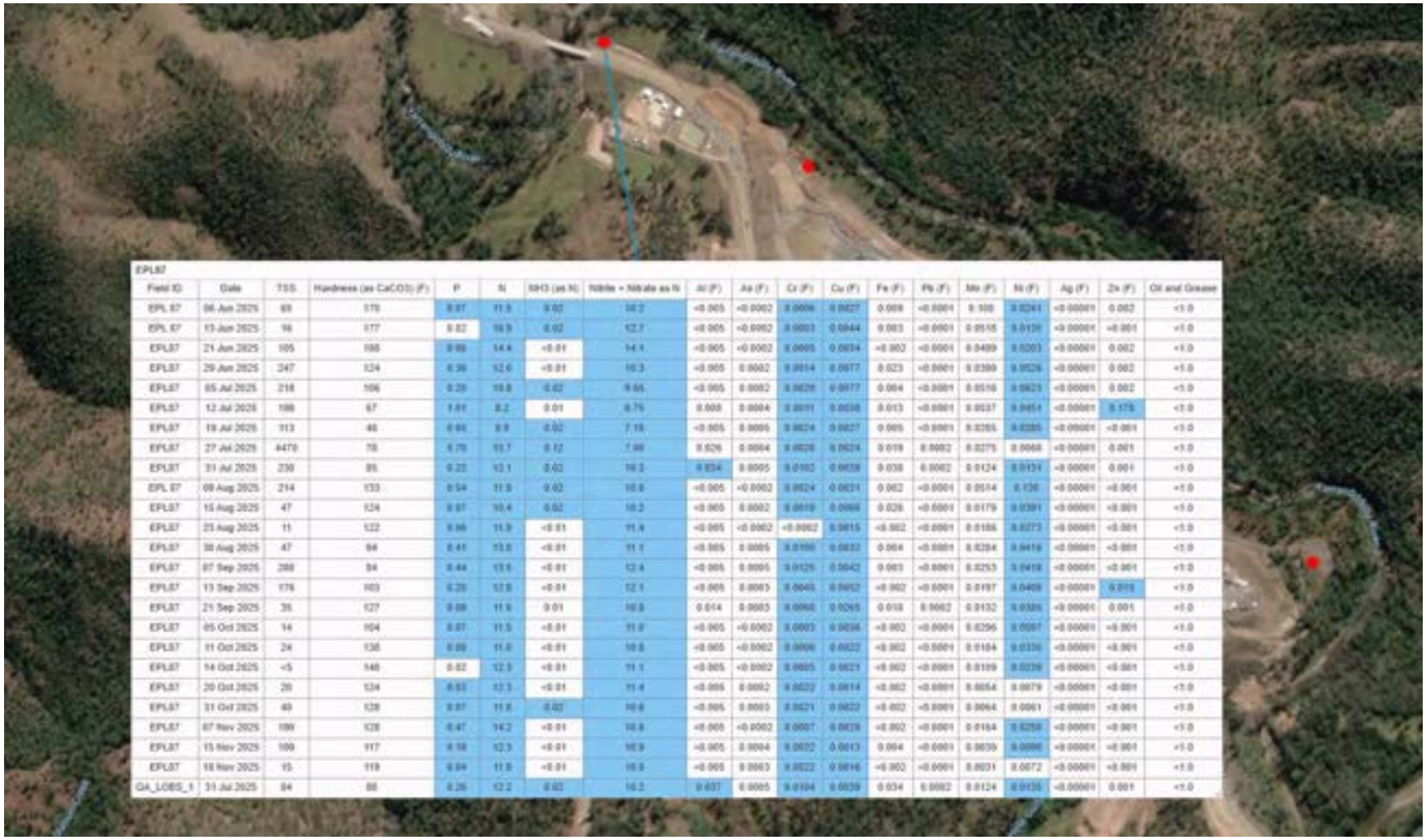
Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL 82	06 Jun 2025	87	1290	0.05	6.2	0.11	0.01	<0.005	0.0055	<0.0002	<0.0005	1.73	<0.0001	0.411	0.0029	<0.00001	0.011	<1.0
EPL 82	14 Jun 2025	95	1290	0.02	6.3	0.13	<0.01	<0.005	0.0129	<0.0002	<0.0005	1.74	<0.0001	0.442	0.0010	<0.00001	0.003	<1.0
EPL82	21 Jun 2025	134	1160	0.08	6.3	0.12	0.02	<0.005	0.0116	<0.0002	<0.0005	1.79	<0.0001	0.444	0.0005	<0.00001	0.002	<1.0
EPL82	28 Jun 2025	78	1260	0.04	6.2	0.09	<0.01	<0.005	0.0052	<0.0002	<0.0005	3.72	<0.0001	0.434	0.0005	<0.00001	0.002	<1.0
EPL82	05 Jul 2025	107	1290	<0.01	6.5	0.12	<0.01	<0.005	0.0109	<0.0002	<0.0005	2.64	<0.0001	0.468	0.0010	<0.00001	0.002	<1.0
EPL82	12 Jul 2025	78	1240	0.05	6.2	0.09	<0.01	<0.005	0.0129	<0.0002	<0.0005	1.74	<0.0001	0.408	0.0010	<0.00001	0.002	<1.0
EPL82	19 Jul 2025	91	1160	0.03	6.1	0.10	<0.01	<0.005	0.0131	<0.0002	<0.0005	1.24	<0.0001	0.415	0.0010	<0.00001	0.003	<1.0
EPL82	27 Jul 2025	136	1160	0.04	6.2	0.10	<0.01	<0.005	0.0305	0.0054	<0.0005	4.96	0.0001	0.432	0.0008	<0.00001	0.006	<1.0
EPL82	02 Aug 2025	400	1250	0.06	6.2	0.09	<0.01	0.008	0.0084	<0.0002	<0.0005	4.17	0.0003	0.408	0.0006	<0.00001	0.002	<1.0
EPL 82	09 Aug 2025	80	1160	0.05	6.1	0.09	<0.01	<0.005	0.0156	<0.0002	<0.0005	3.11	<0.0001	0.378	0.0007	<0.00001	0.002	<1.0
EPL82	16 Aug 2025	74	1260	0.08	6.1	0.10	0.03	<0.005	0.0148	<0.0002	<0.0005	4.65	<0.0001	0.464	0.0008	<0.00001	<0.001	<1.0
EPL82	23 Aug 2025	46	1230	0.06	6.2	0.10	<0.01	<0.005	0.0103	<0.0002	<0.0005	2.69	<0.0001	0.444	0.0013	<0.00001	0.006	<1.0
EPL82	30 Aug 2025	86	1270	0.05	6.1	0.10	<0.01	<0.005	0.0216	<0.0002	<0.0005	2.99	<0.0001	0.402	0.0005	<0.00001	0.001	<1.0
EPL82	07 Sep 2025	145	1320	0.06	6.2	0.08	<0.01	<0.005	0.0143	<0.0002	<0.0005	1.23	<0.0001	0.393	0.0010	<0.00001	0.006	<1.0
EPL82	13 Sep 2025	119	1220	0.12	6.2	0.09	<0.01	<0.005	0.0139	<0.0002	<0.0005	1.29	<0.0001	0.368	0.0007	<0.00001	0.001	<1.0
EPL82	21 Sep 2025	39	1280	0.02	6.2	0.11	<0.01	<0.005	0.0109	<0.0002	<0.0005	4.29	<0.0001	0.383	0.0008	<0.00001	0.002	<1.0
EPL82	05 Oct 2025	99	1280	0.03	6.2	0.09	<0.01	<0.005	0.0152	<0.0002	<0.0005	2.21	<0.0001	0.402	0.0007	<0.00001	<0.001	<1.0
EPL82	11 Oct 2025	27	1220	0.04	6.1	0.10	<0.01	<0.005	0.0143	<0.0002	<0.0005	1.68	<0.0001	0.398	0.0006	<0.00001	0.001	<1.0
EPL82	14 Oct 2025	78	1290	0.03	6.2	0.09	<0.01	<0.005	0.0072	<0.0002	<0.0005	0.007	<0.0001	0.126	0.0006	<0.00001	<0.001	<1.0
EPL82	21 Oct 2025	28	1200	0.01	6.3	0.09	<0.01	<0.005	0.0153	<0.0002	<0.0005	3.58	<0.0001	0.382	0.0007	<0.00001	0.002	<1.0
EPL82	31 Oct 2025	148	1160	0.06	6.3	0.14	<0.01	<0.005	0.0072	0.0053	<0.0005	1.94	<0.0001	0.371	0.0014	<0.00001	0.002	<1.0
EPL82	08 Nov 2025	134	1160	0.04	6.3	0.09	<0.01	<0.005	0.0121	<0.0002	<0.0005	1.68	<0.0001	0.371	0.0007	<0.00001	0.001	<1.0
EPL82	18 Nov 2025	199	1070	0.06	6.4	0.07	<0.01	<0.005	0.0164	<0.0002	<0.0005	2.35	<0.0001	0.367	<0.0005	<0.00001	0.018	<1.0
EPL82	18 Nov 2025	140	1290	0.06	6.2	0.09	<0.01	<0.005	0.0133	<0.0002	<0.0005	1.67	<0.0001	0.344	<0.0005	<0.00001	0.003	<1.0
Lotis_GA1	05 Aug 2025	230	1240	0.02	6.1	0.09	<0.01	<0.005	0.0152	<0.0002	<0.0005	2.49	<0.0001	0.394	0.0009	<0.00001	0.002	<1.0

EPL83

EPL83

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL83	06 Jun 2025	12	145	0.01	2.5	0.03	1.64	<0.005	0.0008	0.0039	0.153	0.058	<0.0001	0.0812	0.111	<0.00001	0.005	<1.0
EPL83	13 Jun 2025	<5	137	0.01	7.6	<0.01	2.56	<0.005	0.0016	0.0010	0.0512	0.003	<0.0001	0.0272	0.0249	<0.00001	0.002	<1.0
EPL83	21 Jun 2025	39	150	0.03	1.8	0.53	1.54	<0.005	0.0015	0.0053	0.0424	0.008	<0.0001	0.0057	0.0212	<0.00001	0.008	<1.0
EPL83	29 Jun 2025	14	168	0.04	3.4	<0.01	2.91	<0.005	0.0027	0.0058	0.0167	<0.002	<0.0001	0.0315	0.0093	<0.00001	0.006	<1.0
EPL83	05 Jul 2025	12	148	0.04	3.2	0.02	2.99	<0.005	0.0022	0.0058	0.0204	<0.002	<0.0001	0.0142	0.0058	<0.00001	0.004	<1.0
EPL83	12 Jul 2025	7	138	0.05	2.6	<0.01	2.44	<0.005	0.0024	0.0037	0.0133	0.002	<0.0001	0.0109	0.0032	<0.00001	0.008	<1.0
EPL83	19 Jul 2025	7	86	0.04	1.7	0.02	1.44	<0.005	0.0010	0.0017	0.0121	0.003	<0.0001	0.0043	0.0045	<0.00001	0.001	<1.0
EPL83	27 Jul 2025	14	118	0.02	2.9	<0.01	2.62	<0.005	0.0012	0.0058	0.0117	0.002	0.0002	0.0043	0.0023	<0.00001	0.002	<1.0
EPL83	31 Jul 2025	23	141	0.05	2.4	<0.01	1.81	<0.005	0.0029	0.0071	0.0253	0.004	0.0002	0.0108	0.0023	<0.00001	0.004	<1.0
EPL83	09 Aug 2025	20	105	0.04	1.3	0.04	1.34	<0.005	0.0014	0.0007	0.0037	<0.002	<0.0001	0.0325	0.0098	<0.00001	0.005	<1.0
EPL83	16 Aug 2025	16	105	0.02	0.5	<0.01	0.74	0.007	0.0010	0.0024	0.0321	0.006	<0.0001	0.0043	0.0054	<0.00001	0.002	<1.0
EPL83	23 Aug 2025	<5	107	0.05	0.9	<0.01	0.74	<0.005	0.0007	0.0014	0.0065	<0.002	<0.0001	0.0038	0.0037	<0.00001	<0.001	<1.0
EPL83	30 Aug 2025	17	132	0.07	2.1	<0.01	1.81	<0.005	0.0017	0.0032	0.0065	<0.002	<0.0001	0.0058	0.0025	<0.00001	<0.001	<1.0
EPL83	06 Sep 2025	<5	125	0.06	1.3	0.01	1.36	<0.005	0.0012	0.0022	0.0092	<0.002	<0.0001	0.0058	0.0031	<0.00001	0.001	<1.0
EPL83	13 Sep 2025	22	128	0.07	2.1	<0.01	1.72	<0.005	0.0011	0.0016	0.0084	<0.002	<0.0001	0.0048	0.0039	<0.00001	0.001	<1.0
EPL83	21 Sep 2025	<5	135	0.02	1.7	<0.01	1.43	<0.005	0.0015	0.0024	0.0140	0.013	<0.0001	0.0092	0.0136	<0.00001	0.004	<1.0
EPL83	05 Oct 2025	116	158	0.07	<0.5	<0.01	0.14	<0.005	0.0011	0.0063	0.0130	<0.002	<0.0001	0.0229	0.0052	<0.00001	0.001	<1.0
EPL83	11 Oct 2025	<5	129	<0.01	<0.1	0.02	0.02	<0.005	0.0010	0.0004	0.0123	0.005	<0.0001	0.0142	0.0068	<0.00001	0.001	<1.0
EPL83	14 Oct 2025	5	129	0.02	<0.1	<0.01	0.02	<0.005	0.0012	<0.0003	0.0374	0.005	<0.0001	0.0218	0.0065	<0.00001	<0.001	<1.0
EPL83	20 Oct 2025	<5	118	<0.01	0.2	0.02	0.12	<0.005	0.0011	0.0004	0.0168	0.003	<0.0001	0.0158	0.0072	<0.00001	0.002	<1.0
EPL83	31 Oct 2025	22	129	0.19	0.3	0.19	0.13	<0.005	0.0017	0.0002	0.0121	<0.002	<0.0001	0.0447	0.0097	<0.00001	<0.001	<1.0
EPL83	08 Nov 2025	<5	132	<0.01	0.7	<0.01	0.01	<0.005	0.0009	0.0010	0.0091	0.005	<0.0001	0.0106	0.0122	<0.00001	0.002	<1.0
EPL83	15 Nov 2025	<5	118	0.03	0.2	<0.01	0.22	<0.005	0.0013	0.0009	0.0067	0.014	<0.0001	0.0141	0.0113	<0.00001	0.002	<1.0
EPL83	18 Nov 2025	12	107	0.05	0.5	0.02	0.18	<0.005	0.0010	0.0009	0.0065	0.004	<0.0001	0.0143	0.0109	<0.00001	0.001	<1.0

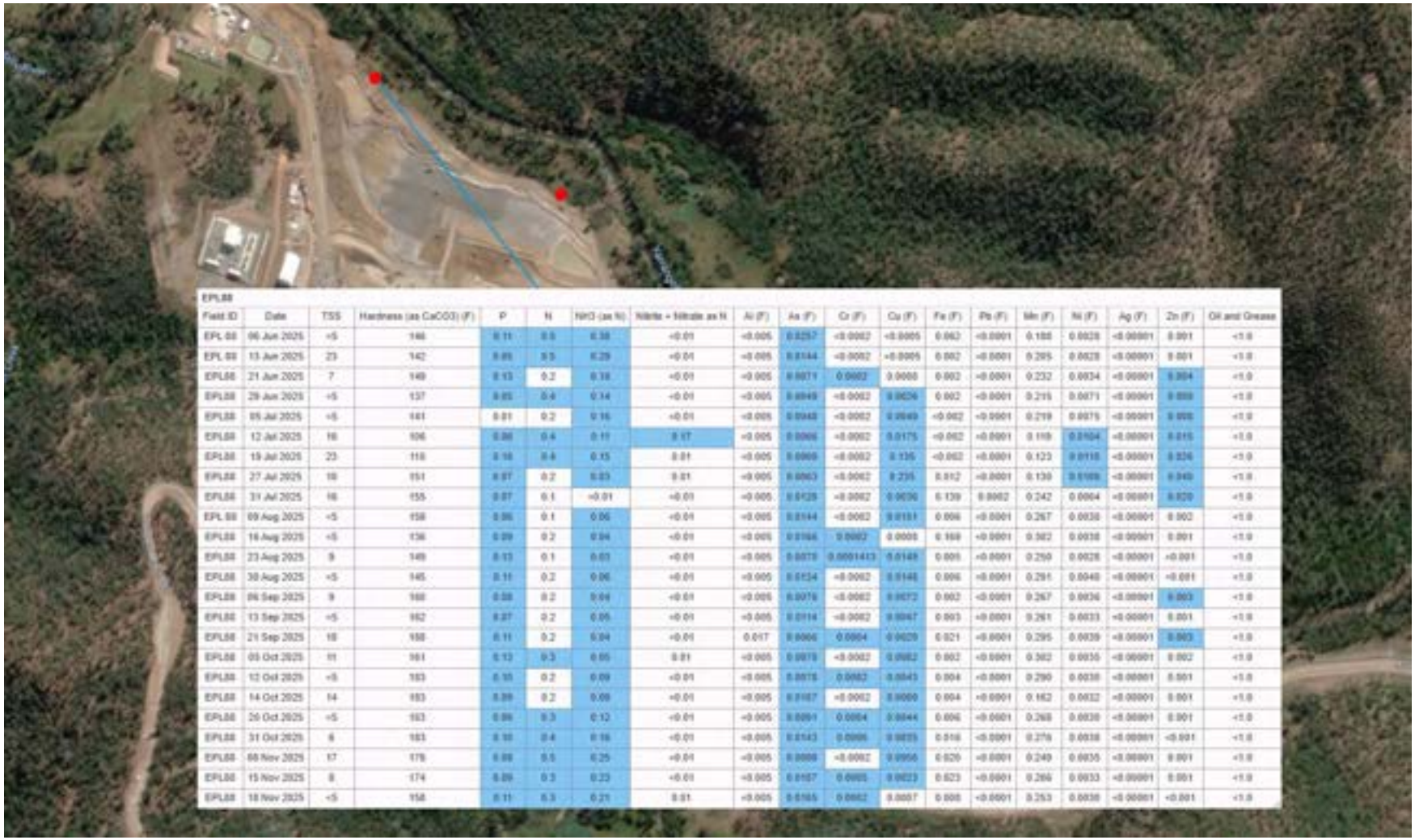
EPL87



EPL87

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL 87	06 Jun 2025	68	178	0.87	11.9	0.02	16.2	<0.005	<0.0002	0.0006	0.0027	0.069	<0.0001	0.168	0.0241	<0.00001	0.002	<1.0
EPL 87	13 Jun 2025	16	177	0.02	16.9	0.02	12.7	<0.005	<0.0002	0.0003	0.0044	0.003	<0.0001	0.0515	0.0139	<0.00001	<0.001	<1.0
EPL87	21 Jun 2025	105	168	0.65	14.4	<0.01	14.1	<0.005	<0.0002	0.0005	0.0034	<0.002	<0.0001	0.0489	0.0203	<0.00001	0.002	<1.0
EPL87	29 Jun 2025	247	124	0.39	12.6	<0.01	10.3	<0.005	0.0002	0.0014	0.0077	0.023	<0.0001	0.0399	0.0526	<0.00001	0.002	<1.0
EPL87	05 Jul 2025	218	106	0.29	10.8	0.02	9.65	<0.005	0.0002	0.0020	0.0077	0.004	<0.0001	0.0516	0.0623	<0.00001	0.002	<1.0
EPL87	12 Jul 2025	188	67	1.01	8.2	0.01	6.75	0.008	0.0004	0.0011	0.0038	0.013	<0.0001	0.0537	0.0451	<0.00001	0.178	<1.0
EPL87	19 Jul 2025	113	48	0.65	8.9	0.02	7.15	<0.005	0.0005	0.0024	0.0027	0.005	<0.0001	0.0265	0.0205	<0.00001	<0.001	<1.0
EPL87	27 Jul 2025	4470	78	0.75	10.7	0.12	7.99	0.026	0.0004	0.0028	0.0024	0.019	0.0002	0.0275	0.0068	<0.00001	0.001	<1.0
EPL87	31 Jul 2025	230	85	0.22	12.1	0.02	10.3	0.034	0.0005	0.0102	0.0038	0.038	0.0002	0.0124	0.0124	<0.00001	0.001	<1.0
EPL 87	09 Aug 2025	214	133	0.54	11.9	0.02	10.8	<0.005	<0.0002	0.0024	<0.0001	0.002	<0.0001	0.0514	0.130	<0.00001	<0.001	<1.0
EPL87	15 Aug 2025	47	124	0.87	10.4	0.02	10.2	<0.005	0.0002	0.0018	0.0068	0.026	<0.0001	0.0179	0.0391	<0.00001	<0.001	<1.0
EPL87	23 Aug 2025	11	122	0.66	11.9	<0.01	11.4	<0.005	<0.0002	<0.0002	0.0015	<0.002	<0.0001	0.0186	0.0273	<0.00001	<0.001	<1.0
EPL87	30 Aug 2025	47	84	0.41	13.0	<0.01	11.1	<0.005	0.0005	0.0100	0.0032	0.004	<0.0001	0.0204	0.0416	<0.00001	<0.001	<1.0
EPL87	07 Sep 2025	288	84	0.44	13.6	<0.01	12.4	<0.005	0.0005	0.0125	0.0042	0.003	<0.0001	0.0253	0.0418	<0.00001	<0.001	<1.0
EPL87	13 Sep 2025	176	103	0.29	12.8	<0.01	12.1	<0.005	0.0003	0.0045	0.0052	<0.002	<0.0001	0.0197	0.0409	<0.00001	0.015	<1.0
EPL87	21 Sep 2025	35	127	0.09	11.5	0.01	10.8	0.014	0.0003	0.0068	0.0265	0.018	0.0002	0.0132	0.0305	<0.00001	0.001	<1.0
EPL87	05 Oct 2025	14	104	0.07	11.5	<0.01	11.0	<0.005	<0.0002	0.0003	0.0036	<0.002	<0.0001	0.0256	0.0097	<0.00001	<0.001	<1.0
EPL87	11 Oct 2025	24	136	0.09	11.0	<0.01	10.8	<0.005	<0.0002	0.0006	0.0022	<0.002	<0.0001	0.0184	0.0330	<0.00001	<0.001	<1.0
EPL87	14 Oct 2025	<5	148	0.02	12.3	<0.01	11.1	<0.005	<0.0002	0.0005	0.0021	<0.002	<0.0001	0.0109	0.0238	<0.00001	<0.001	<1.0
EPL87	20 Oct 2025	20	124	0.03	12.3	<0.01	11.4	<0.005	0.0002	0.0022	0.0014	<0.002	<0.0001	0.0054	0.0079	<0.00001	<0.001	<1.0
EPL87	31 Oct 2025	49	128	0.07	11.8	0.02	10.8	<0.005	0.0003	0.0021	0.0022	<0.002	<0.0001	0.0064	0.0061	<0.00001	<0.001	<1.0
EPL87	07 Nov 2025	186	128	0.47	14.2	<0.01	10.8	<0.005	<0.0002	0.0007	0.0029	<0.002	<0.0001	0.0164	0.0258	<0.00001	<0.001	<1.0
EPL87	15 Nov 2025	109	117	0.18	12.3	<0.01	10.9	<0.005	0.0004	0.0022	0.0013	0.004	<0.0001	0.0039	0.0096	<0.00001	<0.001	<1.0
EPL87	18 Nov 2025	15	119	0.04	11.5	<0.01	10.8	<0.005	0.0003	0.0022	0.0016	<0.002	<0.0001	0.0031	0.0072	<0.00001	<0.001	<1.0
GA_LOBS_1	31 Jul 2025	84	86	0.26	12.2	0.02	10.3	0.037	0.0005	0.0104	0.0039	0.034	0.0002	0.0124	0.0135	<0.00001	0.001	<1.0

EPL88



EPL88

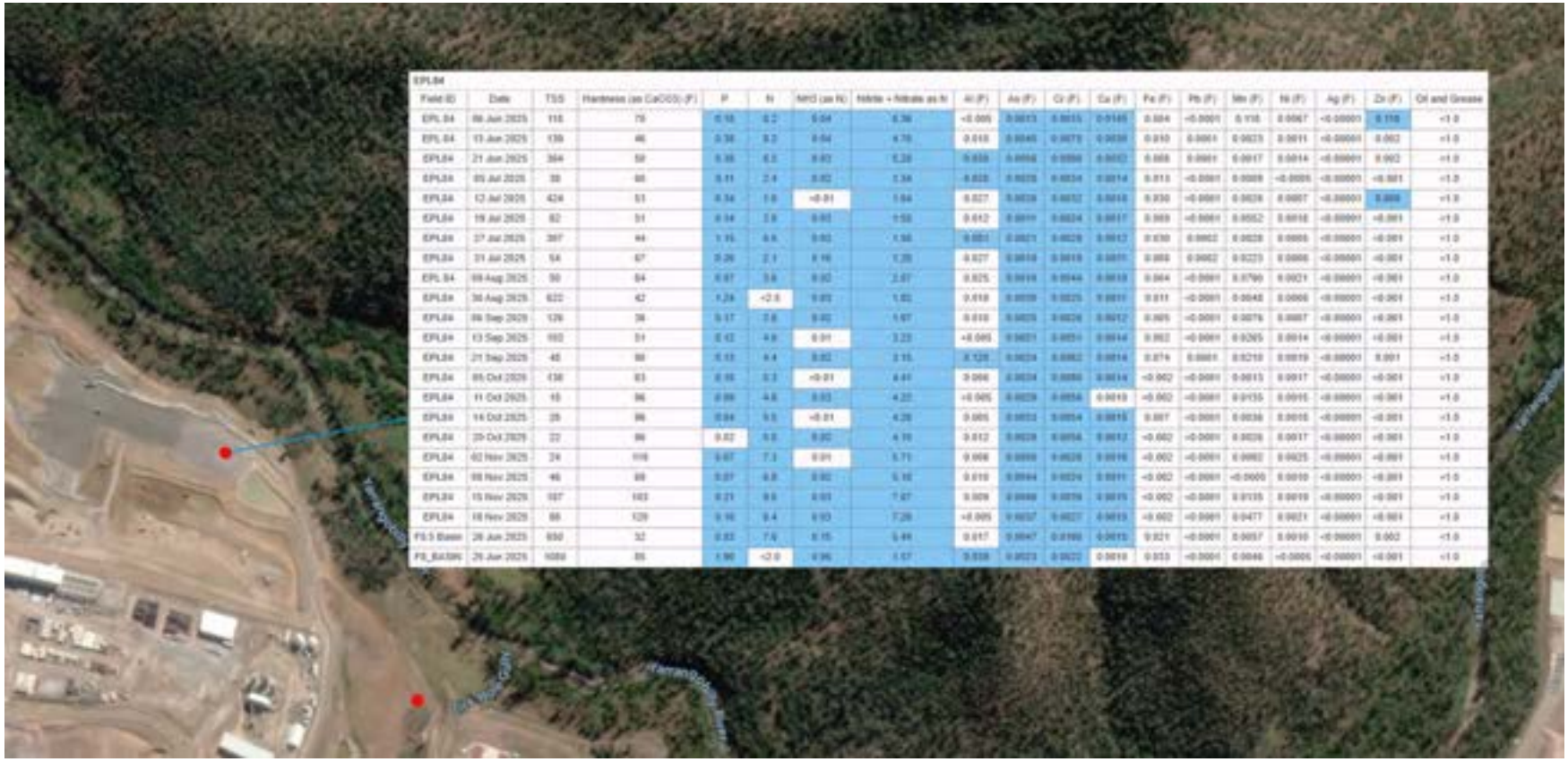
Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL 88	06 Jun 2025	<5	146	0.11	0.5	0.38	<0.01	<0.005	0.0257	<0.0002	<0.0005	0.062	<0.0001	0.188	0.0028	<0.00001	0.001	<1.0
EPL 88	13 Jun 2025	23	142	0.05	0.3	0.29	<0.01	<0.005	0.0144	<0.0002	<0.0005	0.002	<0.0001	0.295	0.0028	<0.00001	0.001	<1.0
EPL88	21 Jun 2025	7	149	0.13	0.2	0.18	<0.01	<0.005	0.0071	0.0002	0.0005	0.002	<0.0001	0.232	0.0034	<0.00001	0.004	<1.0
EPL88	29 Jun 2025	<5	137	0.05	0.4	0.14	<0.01	<0.005	0.0049	<0.0002	0.0026	0.002	<0.0001	0.215	0.0071	<0.00001	0.009	<1.0
EPL88	05 Jul 2025	<5	141	0.01	0.2	0.16	<0.01	<0.005	0.0048	<0.0002	0.0049	<0.002	<0.0001	0.219	0.0075	<0.00001	0.008	<1.0
EPL88	12 Jul 2025	16	106	0.06	0.4	0.11	0.17	<0.005	0.0066	<0.0002	0.0175	<0.002	<0.0001	0.119	0.0104	<0.00001	0.015	<1.0
EPL88	19 Jul 2025	23	118	0.16	0.4	0.15	0.01	<0.005	0.0068	<0.0002	0.135	<0.002	<0.0001	0.123	0.0115	<0.00001	0.026	<1.0
EPL88	27 Jul 2025	18	151	0.07	0.2	0.03	0.01	<0.005	0.0063	<0.0002	0.235	0.012	<0.0001	0.139	0.0109	<0.00001	0.040	<1.0
EPL88	31 Jul 2025	16	155	0.07	0.1	<0.01	<0.01	<0.005	0.0129	<0.0002	0.0030	0.139	0.0002	0.242	0.0064	<0.00001	0.020	<1.0
EPL 88	09 Aug 2025	<5	158	0.06	0.1	0.06	<0.01	<0.005	0.0144	<0.0002	0.0151	0.006	<0.0001	0.267	0.0038	<0.00001	0.002	<1.0
EPL88	16 Aug 2025	<5	136	0.09	0.2	0.04	<0.01	<0.005	0.0166	0.0002	0.0005	0.169	<0.0001	0.302	0.0038	<0.00001	0.001	<1.0
EPL88	23 Aug 2025	9	149	0.13	0.1	0.03	<0.01	<0.005	0.0078	0.0001413	0.0149	0.005	<0.0001	0.259	0.0028	<0.00001	<0.001	<1.0
EPL88	30 Aug 2025	<5	145	0.11	0.2	0.06	<0.01	<0.005	0.0124	<0.0002	0.0146	0.006	<0.0001	0.291	0.0040	<0.00001	<0.001	<1.0
EPL88	06 Sep 2025	9	168	0.08	0.2	0.04	<0.01	<0.005	0.0076	<0.0002	0.0072	0.002	<0.0001	0.267	0.0036	<0.00001	0.003	<1.0
EPL88	13 Sep 2025	<5	162	0.07	0.2	0.05	<0.01	<0.005	0.0114	<0.0002	0.0047	0.003	<0.0001	0.261	0.0033	<0.00001	0.001	<1.0
EPL88	21 Sep 2025	18	158	0.11	0.2	0.04	<0.01	0.017	0.0066	0.0004	0.0029	0.021	<0.0001	0.295	0.0039	<0.00001	0.003	<1.0
EPL88	05 Oct 2025	11	161	0.13	0.3	0.05	0.01	<0.005	0.0078	<0.0002	0.0082	0.002	<0.0001	0.302	0.0035	<0.00001	0.002	<1.0
EPL88	12 Oct 2025	<5	163	0.10	0.2	0.09	<0.01	<0.005	0.0078	0.0002	0.0043	0.004	<0.0001	0.290	0.0038	<0.00001	0.001	<1.0
EPL88	14 Oct 2025	14	163	0.09	0.2	0.09	<0.01	<0.005	0.0107	<0.0002	0.0060	0.004	<0.0001	0.162	0.0032	<0.00001	0.001	<1.0
EPL88	26 Oct 2025	<5	163	0.09	0.3	0.12	<0.01	<0.005	0.0091	0.0004	0.0044	0.006	<0.0001	0.268	0.0038	<0.00001	0.001	<1.0
EPL88	31 Oct 2025	6	163	0.10	0.4	0.16	<0.01	<0.005	0.0143	0.0005	0.0035	0.016	<0.0001	0.276	0.0038	<0.00001	<0.001	<1.0
EPL88	08 Nov 2025	17	178	0.08	0.5	0.25	<0.01	<0.005	0.0089	<0.0002	0.0056	0.020	<0.0001	0.249	0.0035	<0.00001	0.001	<1.0
EPL88	15 Nov 2025	8	174	0.09	0.3	0.23	<0.01	<0.005	0.0107	0.0005	0.0023	0.023	<0.0001	0.269	0.0033	<0.00001	0.001	<1.0
EPL88	18 Nov 2025	<5	158	0.11	0.3	0.21	0.01	<0.005	0.0105	0.0002	0.0007	0.008	<0.0001	0.253	0.0038	<0.00001	<0.001	<1.0

EPL89

EPL89

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL 89	06 Jun 2025	291	54	0.29	0.9	0.09	0.12	<0.005	0.0054	<0.0002	0.0079	0.004	<0.0001	0.0223	0.0021	<0.00001	0.002	<1.3
EPL 89	14 Jun 2025	468	58	<0.01	0.4	<0.01	0.29	<0.005	0.0002	<0.0002	0.0075	<0.002	<0.0001	0.0219	0.0013	<0.00001	<0.001	<1.3
EPL89	21 Jun 2025	445	61	0.14	0.1	0.01	0.19	<0.005	0.0002	<0.0002	0.0062	0.003	<0.0001	0.0538	0.0018	<0.00001	0.002	<1.3
EPL89	28 Jun 2025	63	55	0.08	1.1	0.02	0.01	<0.005	0.0002	<0.0002	0.0196	0.004	<0.0001	0.0214	0.0022	<0.00001	<0.001	<1.3
EPL89	05 Jul 2025	86	55	0.02	0.5	0.05	0.12	<0.005	<0.0002	<0.0002	0.0079	<0.002	<0.0001	0.0179	0.0023	<0.00001	0.001	<1.3
EPL89	12 Jul 2025	42	58	0.07	0.4	<0.01	0.29	<0.005	<0.0002	<0.0002	0.0089	0.004	<0.0001	0.0389	0.0031	<0.00001	0.001	<1.3
EPL89	19 Jul 2025	57	58	0.06	0.3	0.01	0.34	<0.005	0.0002	<0.0002	0.0103	<0.002	<0.0001	0.0153	0.0022	<0.00001	<0.001	<1.3
EPL89	27 Jul 2025	57	47	0.04	0.4	0.05	0.29	<0.005	0.0002	0.0002	0.0111	0.044	<0.0001	0.0250	0.0022	<0.00001	0.001	<1.3
EPL89	02 Aug 2025	162	58	0.08	0.7	<0.01	0.37	<0.005	0.0002	<0.0002	0.0250	0.021	0.0001	0.0159	0.0026	<0.00001	0.001	<1.3
EPL 89	09 Aug 2025	144	58	0.03	0.2	0.02	0.15	<0.005	<0.0002	<0.0002	0.0052	0.003	<0.0001	0.0141	0.0022	<0.00001	<0.001	<1.3
EPL89	16 Aug 2025	156	61	<0.01	<0.1	<0.01	0.08	<0.005	0.0002	0.0002	0.0065	0.006	<0.0001	0.0066	0.0024	<0.00001	<0.001	<1.3
EPL89	23 Aug 2025	218	64	0.03	0.5	0.03	0.09	<0.005	<0.0002	<0.0002	0.0079	<0.002	<0.0001	0.0058	0.0016	<0.00001	<0.001	<1.3
EPL89	30 Aug 2025	99	68	0.09	<0.1	<0.01	0.15	<0.005	<0.0002	<0.0002	0.0121	<0.002	<0.0001	0.0142	0.0026	<0.00001	<0.001	<1.3
EPL89	07 Sep 2025	152	48	0.01	<0.1	0.01	0.07	<0.005	<0.0002	<0.0002	0.0215	<0.002	<0.0001	0.0084	0.0022	<0.00001	<0.001	<1.3
EPL89	13 Sep 2025	238	58	0.03	<0.1	<0.01	0.08	<0.005	0.0002	<0.0002	0.0190	<0.002	<0.0001	0.0152	0.0022	<0.00001	<0.001	<1.3
EPL89	21 Sep 2025	75	61	0.02	<0.1	<0.01	0.06	0.005	0.0002	0.0003	0.0274	0.029	0.0002	0.0045	0.0026	<0.00001	0.002	<1.3
EPL89	05 Oct 2025	79	61	0.05	0.3	<0.01	0.06	<0.005	0.0002	<0.0002	0.0063	<0.002	<0.0001	0.0057	0.0022	<0.00001	0.004	<1.3
EPL89	11 Oct 2025	128	73	0.16	0.4	0.02	0.09	<0.005	<0.0002	<0.0002	0.0044	<0.002	<0.0001	0.0034	0.0029	<0.00001	<0.001	<1.3
EPL89	14 Oct 2025	53	78	0.02	0.2	0.05	0.09	<0.005	0.0002	<0.0002	0.0046	<0.002	<0.0001	0.0041	0.0025	<0.00001	<0.001	<1.3
EPL89	21 Oct 2025	246	78	0.03	<0.1	<0.01	0.07	<0.005	<0.0002	<0.0002	0.0052	<0.002	<0.0001	0.0042	0.0028	<0.00001	<0.001	<1.3
EPL89	31 Oct 2025	228	78	0.12	0.2	<0.01	0.02	<0.005	0.0003	<0.0002	0.0239	<0.002	<0.0001	0.0103	0.0035	<0.00001	<0.001	<1.3
EPL89	08 Nov 2025	178	78	0.09	0.4	<0.01	0.06	<0.005	<0.0002	<0.0002	0.0224	<0.002	<0.0001	0.0038	0.0033	<0.00001	<0.001	<1.3
EPL89	16 Nov 2025	144	73	0.07	0.3	<0.01	0.09	<0.005	0.0002	<0.0002	0.0066	<0.002	<0.0001	0.0136	0.0026	<0.00001	<0.001	<1.3
EPL89	18 Nov 2025	291	64	0.12	0.3	0.01	0.07	<0.005	<0.0002	<0.0002	0.0048	<0.002	<0.0001	0.0040	0.0023	<0.00001	<0.001	<1.3

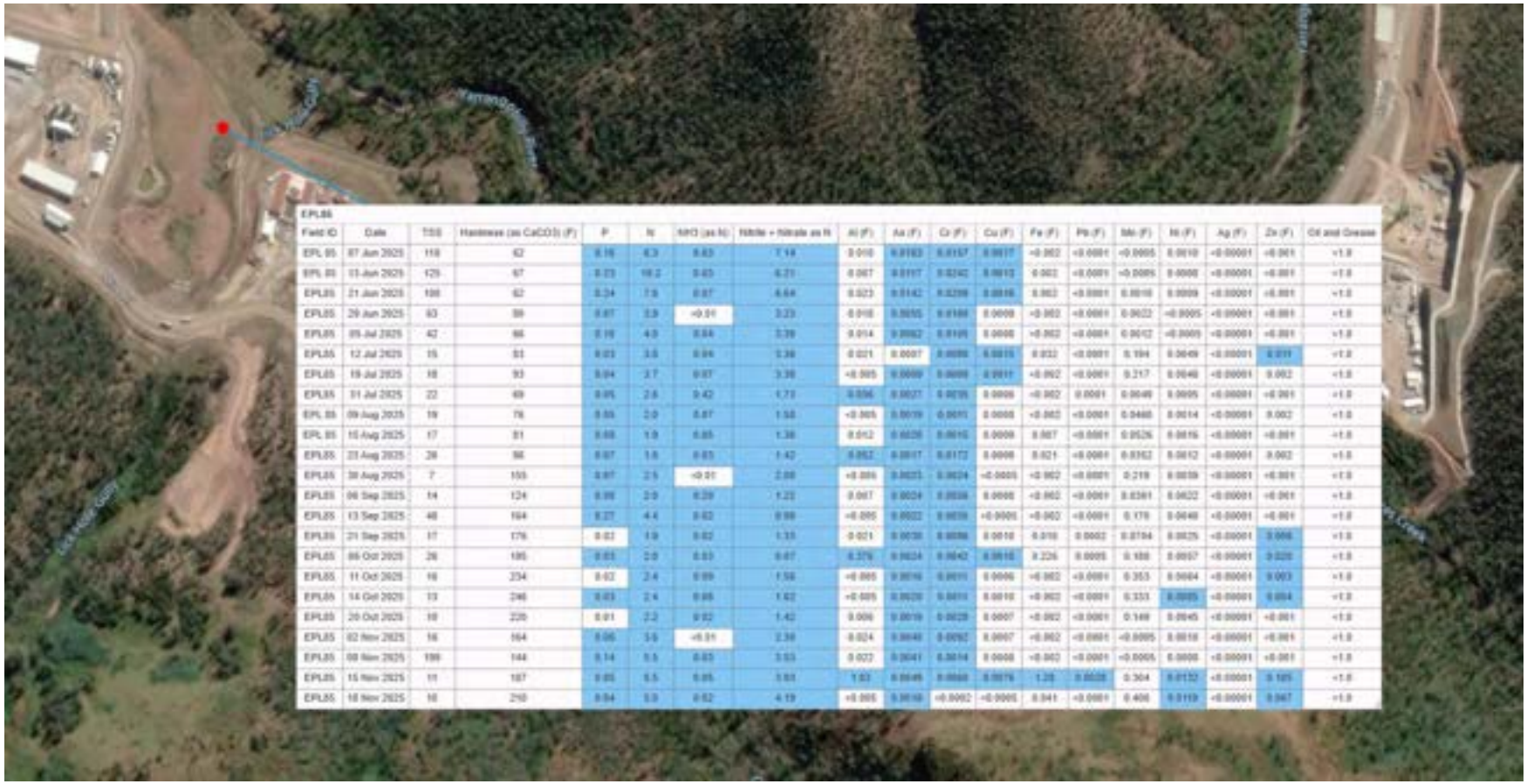
EPL84



EPL84

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL 84	06 Jun 2025	116	70	0.16	0.2	0.04	0.36	<0.005	0.0013	0.0015	0.0185	0.024	<0.0001	0.116	0.0067	<0.00001	0.116	<1.0
EPL 84	13 Jun 2025	139	46	0.38	0.2	0.04	0.70	0.010	0.0040	0.0073	0.0030	0.010	0.0001	0.0023	0.0011	<0.00001	0.002	<1.0
EPL84	21 Jun 2025	364	59	0.35	0.3	0.03	0.28	0.030	0.0056	0.0050	0.0052	0.068	0.0001	0.0017	0.0014	<0.00001	0.002	<1.0
EPL84	05 Jul 2025	30	66	0.11	2.4	0.02	1.34	0.003	0.0020	0.0034	0.0014	0.013	<0.0001	0.0009	<0.0005	<0.00001	<0.001	<1.0
EPL84	12 Jul 2025	424	53	0.34	1.0	<0.01	1.64	0.027	0.0038	0.0032	0.0018	0.030	<0.0001	0.0026	0.0007	<0.00001	0.005	<1.0
EPL84	19 Jul 2025	82	51	0.14	2.9	0.03	1.53	0.012	0.0011	0.0024	0.0017	0.069	<0.0001	0.0052	0.0018	<0.00001	<0.001	<1.0
EPL84	27 Jul 2025	397	44	1.15	6.6	0.02	1.56	0.051	0.0021	0.0028	0.0012	0.030	0.0002	0.0028	0.0005	<0.00001	<0.001	<1.0
EPL84	31 Jul 2025	54	67	0.26	2.1	0.16	1.28	0.027	0.0018	0.0018	0.0011	0.055	0.0002	0.0023	0.0006	<0.00001	<0.001	<1.0
EPL 84	09 Aug 2025	50	64	0.07	3.6	0.02	2.07	0.025	0.0019	0.0044	0.0033	0.064	<0.0001	0.0790	0.0021	<0.00001	<0.001	<1.0
EPL84	30 Aug 2025	622	42	1.24	<2.5	0.03	1.82	0.018	0.0039	0.0025	0.0031	0.011	<0.0001	0.0048	0.0006	<0.00001	<0.001	<1.0
EPL84	06 Sep 2025	126	38	0.17	2.6	0.02	1.97	0.018	0.0025	0.0026	0.0012	0.005	<0.0001	0.0076	0.0007	<0.00001	<0.001	<1.0
EPL84	13 Sep 2025	102	31	0.12	4.8	0.01	3.23	<0.005	0.0021	0.0051	0.0014	0.002	<0.0001	0.0265	0.0014	<0.00001	<0.001	<1.0
EPL84	21 Sep 2025	48	66	0.13	4.4	0.02	2.15	0.128	0.0024	0.0052	0.0014	0.074	0.0001	0.0210	0.0019	<0.00001	0.001	<1.0
EPL84	05 Oct 2025	138	83	0.10	3.3	<0.01	4.41	0.006	0.0024	0.0050	0.0014	<0.002	<0.0001	0.0015	0.0017	<0.00001	<0.001	<1.0
EPL84	11 Oct 2025	15	96	0.09	4.8	0.03	4.27	<0.005	0.0029	0.0054	0.0019	<0.002	<0.0001	0.0135	0.0015	<0.00001	<0.001	<1.0
EPL84	14 Oct 2025	28	86	0.04	5.5	<0.01	4.29	0.005	0.0023	0.0054	0.0015	0.007	<0.0001	0.0036	0.0015	<0.00001	<0.001	<1.0
EPL84	29 Oct 2025	22	86	0.02	5.0	0.02	4.10	0.012	0.0028	0.0054	0.0012	<0.002	<0.0001	0.0026	0.0017	<0.00001	<0.001	<1.0
EPL84	02 Nov 2025	24	118	0.07	7.3	0.01	5.71	0.008	0.0030	0.0026	0.0016	<0.002	<0.0001	0.0082	0.0025	<0.00001	<0.001	<1.0
EPL84	08 Nov 2025	46	88	0.07	6.8	0.02	5.10	0.010	0.0044	0.0024	0.0011	<0.002	<0.0001	<0.0005	0.0010	<0.00001	<0.001	<1.0
EPL84	15 Nov 2025	107	103	0.21	9.5	0.03	7.47	0.009	0.0049	0.0034	0.0015	<0.002	<0.0001	0.0135	0.0019	<0.00001	<0.001	<1.0
EPL84	18 Nov 2025	66	129	0.10	9.4	0.03	7.29	<0.005	0.0037	0.0027	0.0013	<0.002	<0.0001	0.0477	0.0021	<0.00001	<0.001	<1.0
FS 5 Basin	26 Jun 2025	830	32	0.83	7.6	0.15	5.49	0.017	0.0047	0.0102	0.0015	0.021	<0.0001	0.0057	0.0010	<0.00001	0.002	<1.0
FS_BASIN	26 Jun 2025	1050	85	1.90	<2.0	0.06	1.17	0.038	0.0023	0.0022	0.0018	0.033	<0.0001	0.0046	<0.0005	<0.00001	<0.001	<1.0

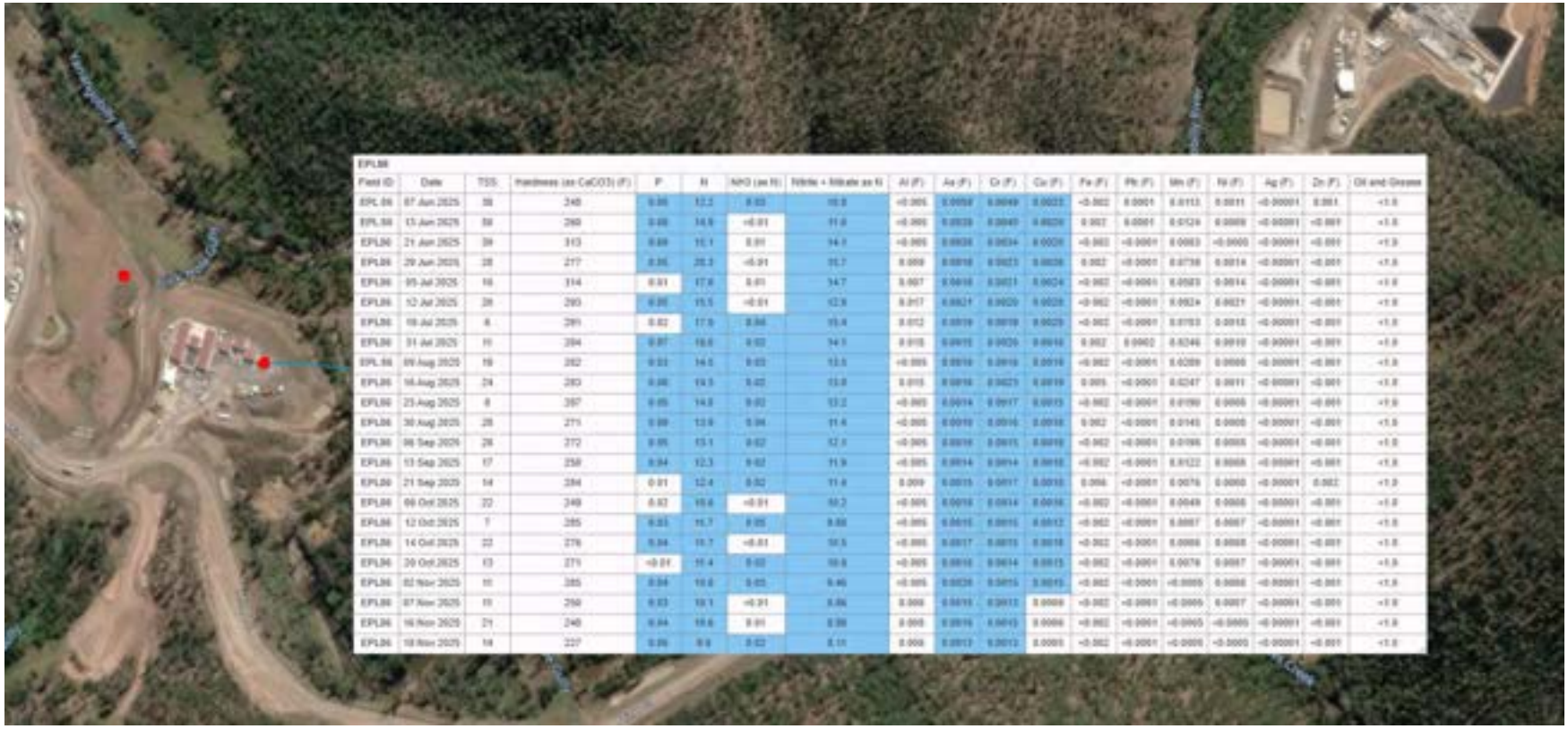
EPL85



EPL85

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL 85	07 Jun 2025	118	62	0.16	4.3	0.63	7.14	0.010	0.0183	0.0157	0.0017	<0.002	<0.0001	<0.0005	0.0010	<0.00001	<0.001	<1.0
EPL 85	13 Jun 2025	129	67	0.23	10.2	0.43	6.21	0.007	0.0117	0.0242	0.0012	0.002	<0.0001	<0.0005	0.0008	<0.00001	<0.001	<1.0
EPL85	21 Jun 2025	100	62	0.24	7.9	0.87	6.64	0.023	0.0142	0.0259	0.0016	0.002	<0.0001	0.0010	0.0009	<0.00001	<0.001	<1.0
EPL85	29 Jun 2025	63	59	0.07	3.9	<0.01	3.23	0.010	0.0055	0.0168	0.0009	<0.002	<0.0001	0.0022	<0.0005	<0.00001	<0.001	<1.0
EPL85	05 Jul 2025	42	66	0.10	4.0	0.64	3.39	0.014	0.0062	0.0105	0.0006	<0.002	<0.0001	0.0012	<0.0005	<0.00001	<0.001	<1.0
EPL85	12 Jul 2025	15	53	0.03	3.6	0.64	3.36	0.021	0.0007	0.0059	0.0015	0.032	<0.0001	0.194	0.0049	<0.00001	0.011	<1.0
EPL85	19 Jul 2025	18	53	0.04	3.7	0.67	3.38	<0.005	0.0009	0.0059	0.0011	<0.002	<0.0001	0.217	0.0048	<0.00001	0.002	<1.0
EPL85	31 Jul 2025	22	49	0.05	2.6	0.42	1.73	0.036	0.0027	0.0035	0.0006	<0.002	0.0001	0.0048	0.0005	<0.00001	<0.001	<1.0
EPL 85	09 Aug 2025	19	76	0.05	2.0	0.67	1.58	<0.005	0.0019	0.0011	0.0005	<0.002	<0.0001	0.0460	0.0014	<0.00001	0.002	<1.0
EPL 85	15 Aug 2025	17	51	0.08	1.9	0.85	1.38	0.012	0.0020	0.0015	0.0009	0.007	<0.0001	0.0526	0.0016	<0.00001	<0.001	<1.0
EPL85	23 Aug 2025	28	56	0.07	1.6	0.63	1.42	0.052	0.0017	0.0172	0.0006	0.021	<0.0001	0.0352	0.0012	<0.00001	0.002	<1.0
EPL85	30 Aug 2025	7	153	0.07	2.5	<0.01	2.09	<0.005	0.0023	0.0024	<0.0005	<0.002	<0.0001	0.219	0.0039	<0.00001	<0.001	<1.0
EPL85	06 Sep 2025	14	124	0.09	2.0	0.29	1.23	0.007	0.0024	0.0038	0.0008	<0.002	<0.0001	0.0361	0.0022	<0.00001	<0.001	<1.0
EPL85	13 Sep 2025	48	164	0.27	4.4	0.62	0.99	<0.005	0.0022	0.0039	<0.0005	<0.002	<0.0001	0.179	0.0048	<0.00001	<0.001	<1.0
EPL85	21 Sep 2025	17	179	0.03	1.9	0.62	1.33	0.021	0.0030	0.0058	0.0010	0.010	0.0002	0.0784	0.0025	<0.00001	0.006	<1.0
EPL85	06 Oct 2025	26	195	0.03	2.0	0.63	0.67	0.376	0.0024	0.0042	0.0016	0.226	0.0005	0.168	0.0057	<0.00001	0.020	<1.0
EPL85	11 Oct 2025	16	234	0.02	2.4	0.99	1.58	<0.005	0.0016	0.0031	0.0006	<0.002	<0.0001	0.353	0.0084	<0.00001	0.003	<1.0
EPL85	14 Oct 2025	13	246	0.03	2.4	0.68	1.62	<0.005	0.0020	0.0031	0.0010	<0.002	<0.0001	0.333	0.0085	<0.00001	0.004	<1.0
EPL85	20 Oct 2025	10	220	0.01	2.2	0.62	1.42	0.006	0.0019	0.0029	0.0007	<0.002	<0.0001	0.168	0.0045	<0.00001	<0.001	<1.0
EPL85	02 Nov 2025	16	164	0.06	3.6	<0.01	2.39	0.024	0.0040	0.0052	0.0007	<0.002	<0.0001	<0.0005	0.0018	<0.00001	<0.001	<1.0
EPL85	08 Nov 2025	199	144	0.14	3.5	0.63	3.53	0.022	0.0041	0.0074	0.0008	<0.002	<0.0001	<0.0005	0.0008	<0.00001	<0.001	<1.0
EPL85	15 Nov 2025	11	187	0.05	3.5	0.65	3.53	1.53	0.0049	0.0068	0.0076	1.28	0.0028	0.304	0.0132	<0.00001	0.185	<1.0
EPL85	18 Nov 2025	10	210	0.04	3.3	0.62	4.19	<0.005	0.0018	<0.0002	<0.0005	0.041	<0.0001	0.406	0.0119	<0.00001	0.047	<1.0

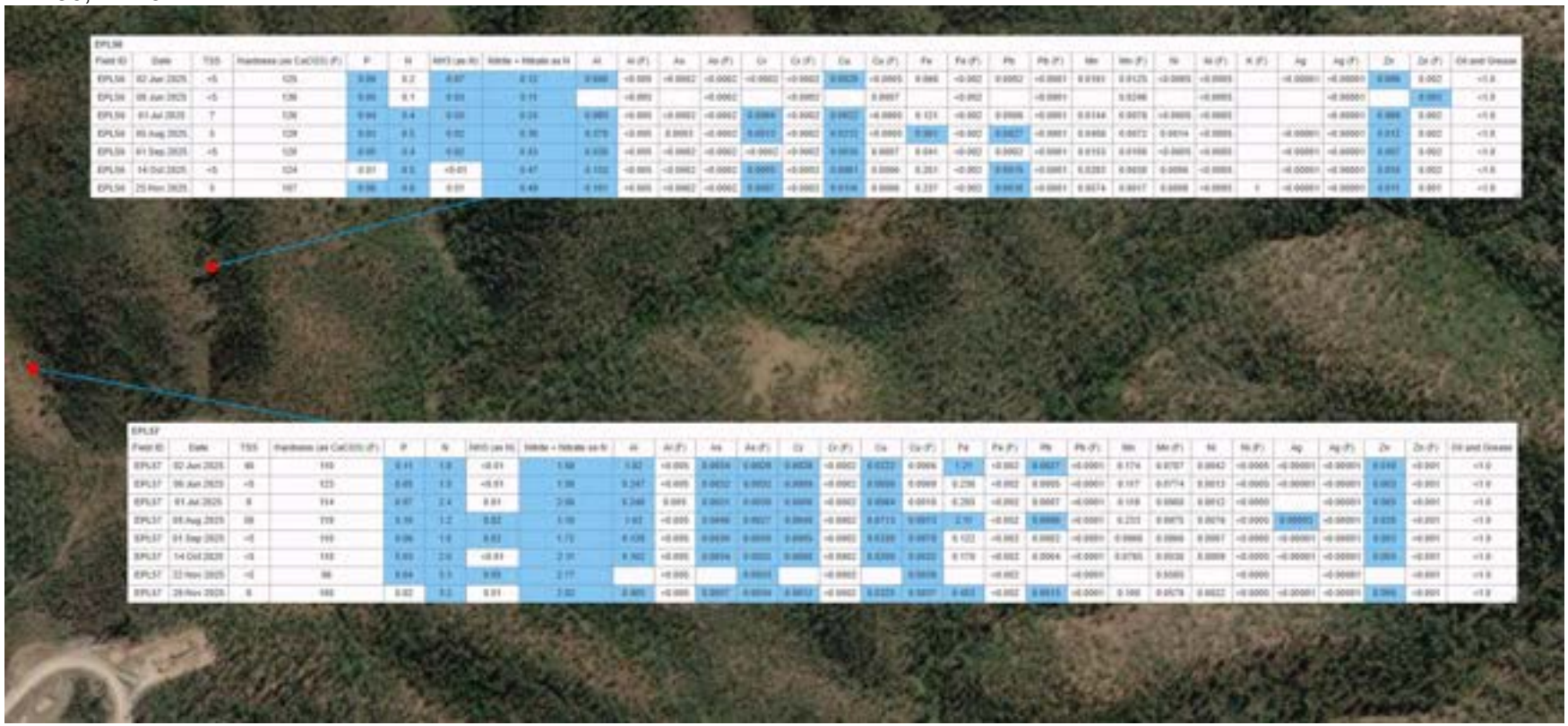
EPL86



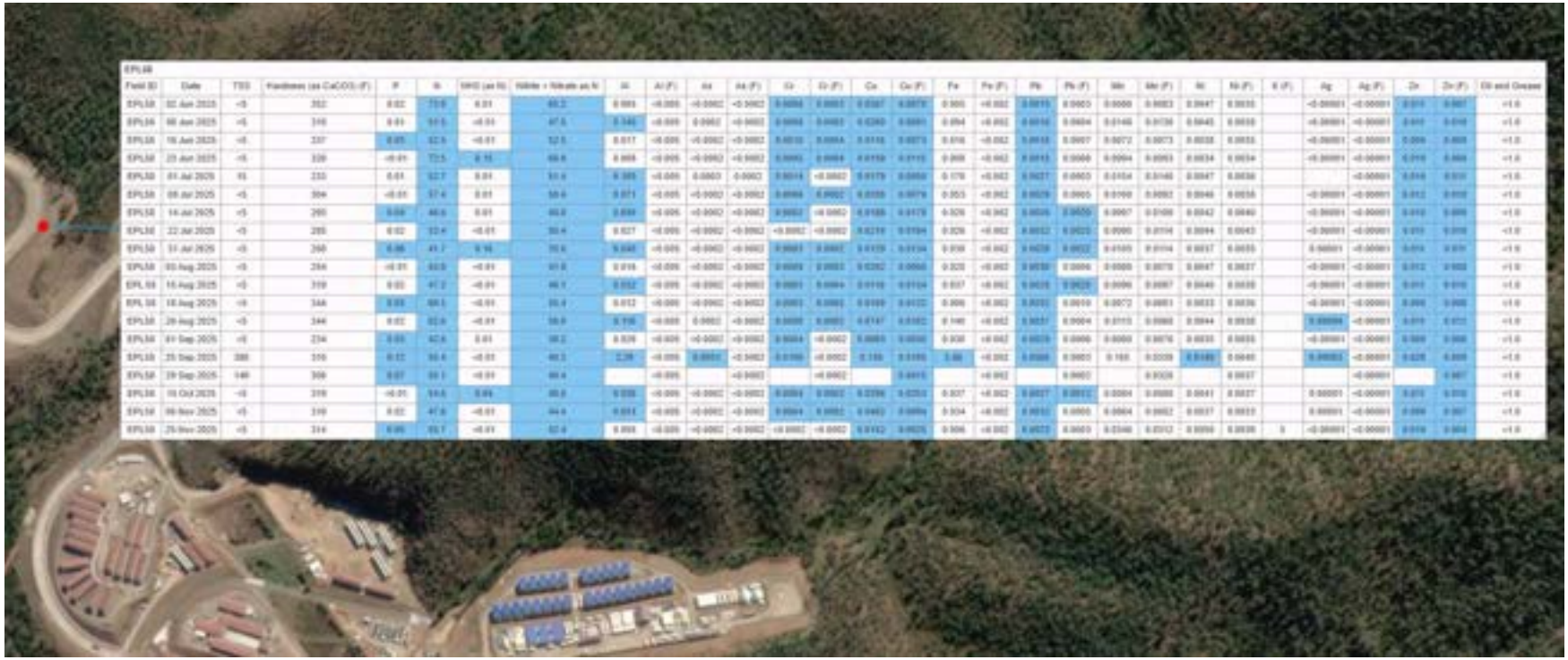
EPL86

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL 86	07 Jun 2025	39	248	0.06	12.3	0.03	10.9	<0.005	0.0058	0.0049	0.0023	<0.002	0.0001	0.0113	0.0031	<0.00001	0.001	<1.0
EPL 86	15 Jun 2025	59	260	0.08	14.9	<0.01	11.0	<0.005	0.0038	0.0040	0.0020	0.002	0.0001	0.0124	0.0009	<0.00001	<0.001	<1.0
EPL86	21 Jun 2025	39	313	0.09	15.1	0.01	14.1	<0.005	0.0026	0.0034	0.0031	<0.002	<0.0001	0.0083	<0.0000	<0.00001	<0.001	<1.0
EPL86	29 Jun 2025	28	217	0.05	20.3	<0.01	15.7	0.009	0.0010	0.0023	0.0020	0.002	<0.0001	0.0738	0.0014	<0.00001	<0.001	<1.0
EPL86	05 Jul 2025	16	314	0.01	17.8	0.01	14.7	0.007	0.0010	0.0021	0.0024	<0.002	<0.0001	0.0583	0.0014	<0.00001	<0.001	<1.0
EPL86	12 Jul 2025	28	293	0.05	15.5	<0.01	12.9	0.017	0.0021	0.0020	0.0020	<0.002	<0.0001	0.0824	0.0021	<0.00001	<0.001	<1.0
EPL86	19 Jul 2025	6	291	0.02	17.0	0.04	15.4	0.012	0.0019	0.0019	0.0020	<0.002	<0.0001	0.0703	0.0015	<0.00001	<0.001	<1.0
EPL86	31 Jul 2025	11	284	0.07	16.6	0.02	14.1	0.015	0.0015	0.0026	0.0016	0.002	0.0002	0.0246	0.0010	<0.00001	<0.001	<1.0
EPL 86	09 Aug 2025	19	282	0.03	14.0	0.03	13.5	<0.005	0.0019	0.0018	0.0019	<0.002	<0.0001	0.0289	0.0008	<0.00001	<0.001	<1.0
EPL86	16 Aug 2025	24	283	0.06	14.3	0.02	13.8	0.015	0.0019	0.0023	0.0019	0.005	<0.0001	0.0247	0.0011	<0.00001	<0.001	<1.0
EPL86	23 Aug 2025	8	287	0.05	14.8	0.02	13.2	<0.005	0.0014	0.0017	0.0015	<0.002	<0.0001	0.0190	0.0005	<0.00001	<0.001	<1.0
EPL86	30 Aug 2025	28	271	0.09	13.9	0.04	11.4	<0.005	0.0019	0.0016	0.0016	0.002	<0.0001	0.0140	0.0005	<0.00001	<0.001	<1.0
EPL86	06 Sep 2025	28	272	0.05	15.1	0.02	12.1	<0.005	0.0019	0.0015	0.0019	<0.002	<0.0001	0.0186	0.0005	<0.00001	<0.001	<1.0
EPL86	13 Sep 2025	17	258	0.04	12.3	0.02	11.9	<0.005	0.0014	0.0014	0.0010	<0.002	<0.0001	0.0122	0.0008	<0.00001	<0.001	<1.0
EPL86	21 Sep 2025	14	284	0.01	12.4	0.02	11.6	0.009	0.0015	0.0017	0.0010	0.006	<0.0001	0.0076	0.0005	<0.00001	0.002	<1.0
EPL86	09 Oct 2025	22	248	0.02	10.6	<0.01	10.2	<0.005	0.0010	0.0014	0.0010	<0.002	<0.0001	0.0049	0.0005	<0.00001	<0.001	<1.0
EPL86	12 Oct 2025	7	285	0.03	11.7	0.05	8.88	<0.005	0.0010	0.0015	0.0012	<0.002	<0.0001	0.0087	0.0007	<0.00001	<0.001	<1.0
EPL86	14 Oct 2025	22	276	0.04	11.7	<0.01	10.5	<0.005	0.0017	0.0015	0.0018	<0.002	<0.0001	0.0068	0.0008	<0.00001	<0.001	<1.0
EPL86	20 Oct 2025	13	271	<0.01	11.4	0.02	10.6	<0.005	0.0010	0.0014	0.0015	<0.002	<0.0001	0.0078	0.0007	<0.00001	<0.001	<1.0
EPL86	02 Nov 2025	11	285	0.04	10.6	0.03	9.46	<0.005	0.0029	0.0015	0.0015	<0.002	<0.0001	<0.0005	0.0008	<0.00001	<0.001	<1.0
EPL86	07 Nov 2025	15	259	0.03	10.1	<0.01	8.84	0.009	0.0015	0.0013	0.0009	<0.002	<0.0001	<0.0005	0.0007	<0.00001	<0.001	<1.0
EPL86	16 Nov 2025	21	248	0.04	10.6	0.01	8.88	0.008	0.0019	0.0013	0.0009	<0.002	<0.0001	<0.0005	<0.0005	<0.00001	<0.001	<1.0
EPL86	18 Nov 2025	18	227	0.05	9.8	0.02	8.11	0.008	0.0013	0.0012	0.0001	<0.002	<0.0001	<0.0005	<0.0005	<0.00001	<0.001	<1.0

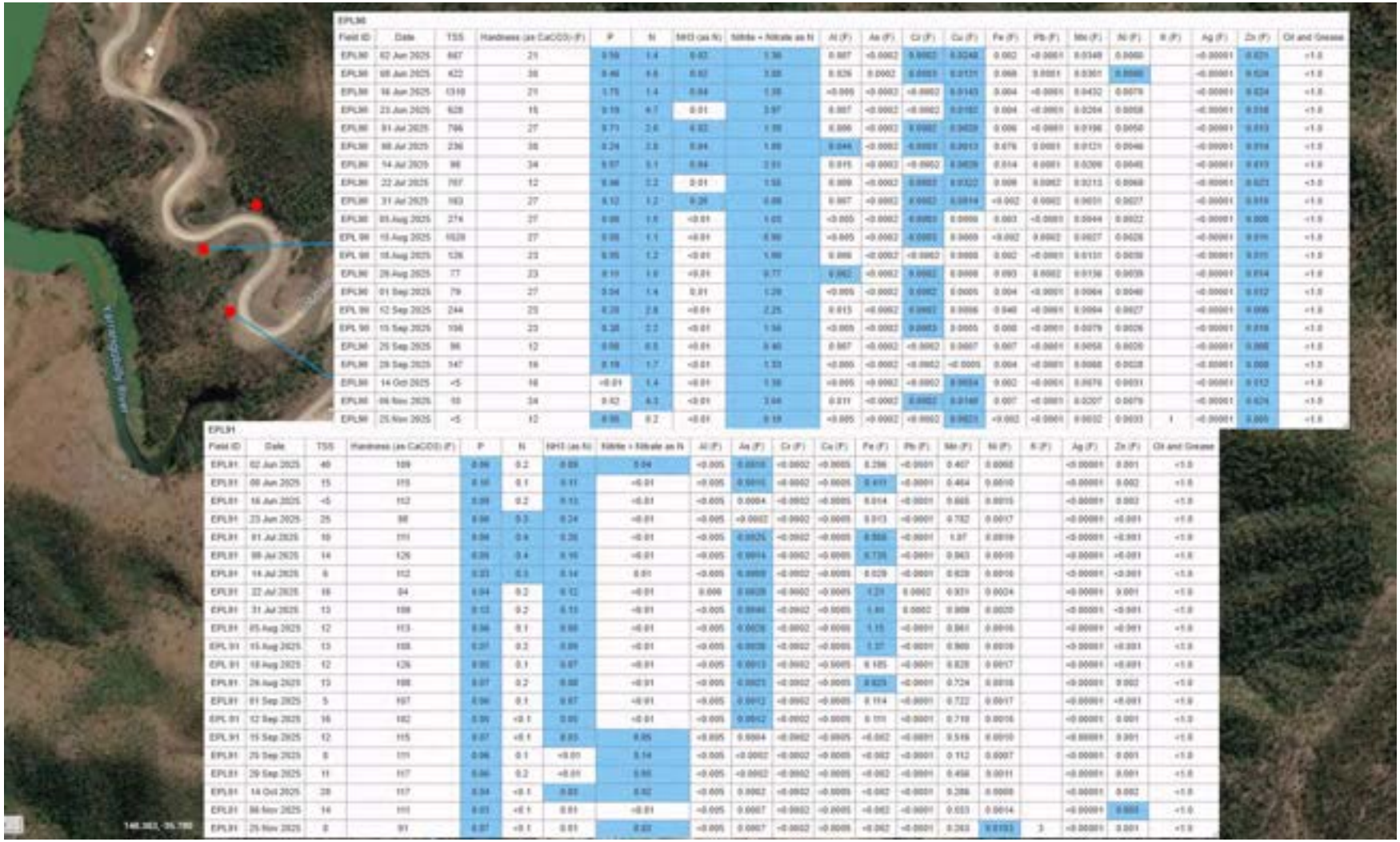
EPL56, EPL57



EPL58



EPL90, EPL91



EPL90

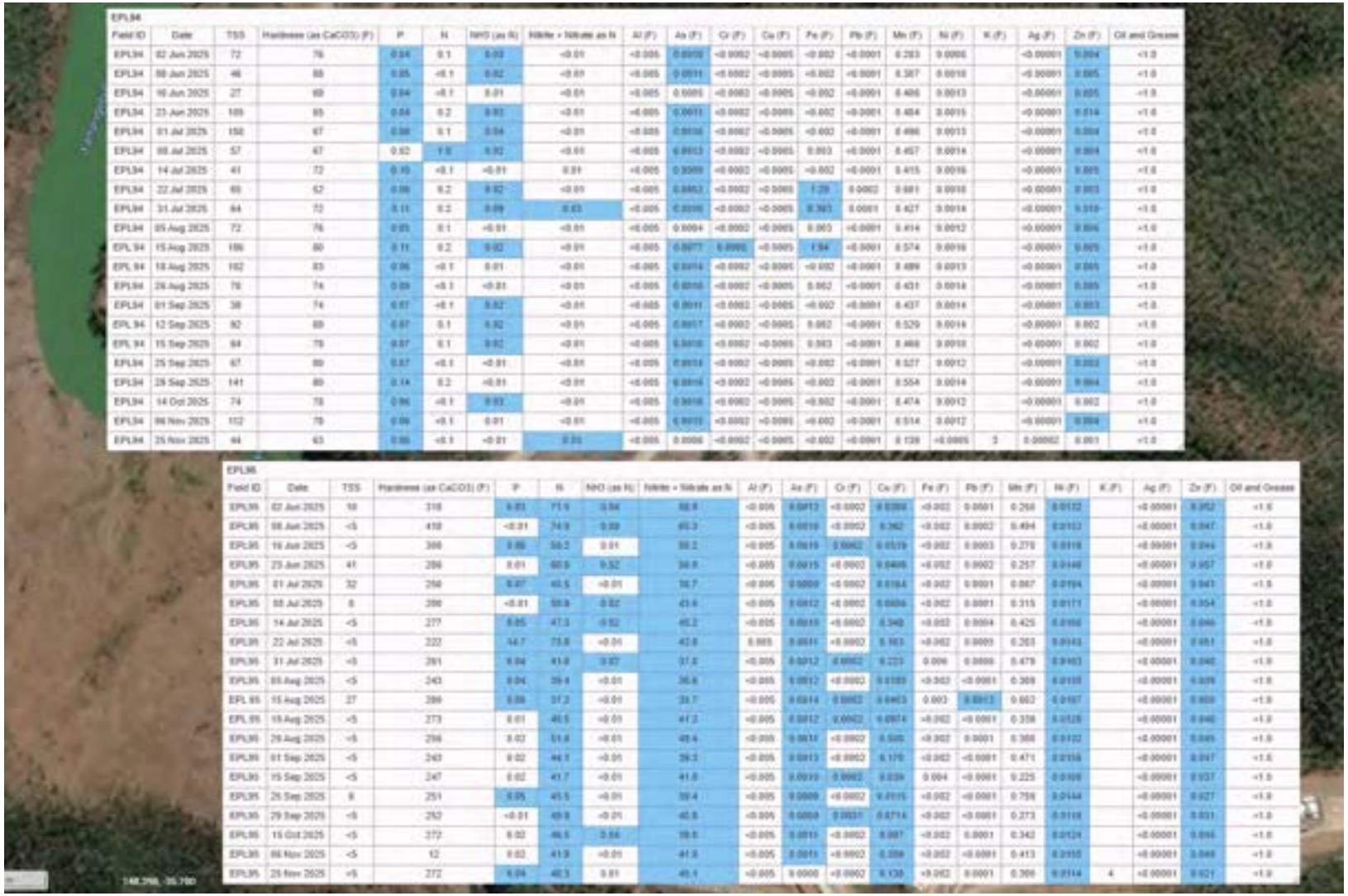
Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cl (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	S (F)	Ag (F)	Zn (F)	Oil and Grease
EPL90	02 Jun 2025	667	21	0.59	1.4	0.02	1.36	0.667	<0.0002	0.0002	0.0248	0.062	<0.0001	0.0348	0.0069		<0.00001	0.021	<1.0
EPL90	09 Jun 2025	422	38	0.46	0.6	0.02	3.68	0.026	0.0002	0.0003	0.0131	0.068	0.0001	0.0361	0.0060		<0.00001	0.024	<1.0
EPL90	16 Jun 2025	1310	21	1.75	1.4	0.04	1.35	<0.005	<0.0002	<0.0002	0.0143	0.004	<0.0001	0.0432	0.0079		<0.00001	0.024	<1.0
EPL90	23 Jun 2025	628	15	0.19	0.7	0.01	3.97	0.007	<0.0002	<0.0002	0.0102	0.004	<0.0001	0.0264	0.0058		<0.00001	0.016	<1.0
EPL90	01 Jul 2025	796	27	0.71	2.6	0.02	1.59	0.006	<0.0002	0.0002	0.0029	0.006	<0.0001	0.0196	0.0050		<0.00001	0.013	<1.0
EPL90	08 Jul 2025	236	38	0.24	2.8	0.04	1.89	0.044	<0.0002	0.0003	0.0013	0.676	0.0001	0.0121	0.0046		<0.00001	0.018	<1.0
EPL90	14 Jul 2025	98	34	0.07	3.1	0.04	2.51	0.015	<0.0002	<0.0002	0.0029	0.014	0.0001	0.0206	0.0040		<0.00001	0.013	<1.0
EPL90	22 Jul 2025	787	12	0.46	2.2	0.01	1.53	0.009	<0.0002	0.0002	0.0122	0.008	0.0002	0.0213	0.0068		<0.00001	0.023	<1.0
EPL90	31 Jul 2025	163	27	0.12	1.2	0.26	0.88	0.007	<0.0002	0.0002	0.0014	<0.002	0.0002	0.0031	0.0027		<0.00001	0.018	<1.0
EPL90	05 Aug 2025	274	27	0.08	1.9	<0.01	1.65	<0.005	<0.0002	0.0001	0.0009	0.003	<0.0001	0.0044	0.0022		<0.00001	0.008	<1.0
EPL 90	13 Aug 2025	1528	27	0.08	1.1	<0.01	0.50	<0.005	<0.0002	0.0001	0.0009	<0.002	0.0002	0.0027	0.0028		<0.00001	0.011	<1.0
EPL 90	18 Aug 2025	126	23	0.05	1.2	<0.01	1.50	0.006	<0.0002	<0.0002	0.0008	0.002	<0.0001	0.0131	0.0039		<0.00001	0.015	<1.0
EPL90	28 Aug 2025	77	23	0.10	1.0	<0.01	0.77	0.002	<0.0002	0.0002	0.0008	0.003	0.0002	0.0136	0.0039		<0.00001	0.014	<1.0
EPL90	01 Sep 2025	79	27	0.04	1.4	0.01	1.29	<0.005	<0.0002	0.0002	0.0005	0.004	<0.0001	0.0064	0.0040		<0.00001	0.012	<1.0
EPL 90	12 Sep 2025	244	23	0.20	2.8	<0.01	2.25	0.013	<0.0002	0.0002	0.0006	0.040	<0.0001	0.0064	0.0027		<0.00001	0.006	<1.0
EPL 90	15 Sep 2025	106	23	0.38	2.2	<0.01	1.54	<0.005	<0.0002	0.0003	0.0005	0.008	<0.0001	0.0079	0.0026		<0.00001	0.018	<1.0
EPL90	25 Sep 2025	86	12	0.09	0.5	<0.01	0.40	0.007	<0.0002	<0.0002	0.0007	0.007	<0.0001	0.0058	0.0026		<0.00001	0.008	<1.0
EPL90	29 Sep 2025	347	16	0.19	1.7	<0.01	1.33	<0.005	<0.0002	<0.0002	<0.0005	0.004	<0.0001	0.0068	0.0038		<0.00001	0.008	<1.0
EPL90	14 Oct 2025	<5	16	<0.01	1.4	<0.01	1.39	<0.005	<0.0002	<0.0002	0.0034	0.002	<0.0001	0.0076	0.0031		<0.00001	0.012	<1.0
EPL90	06 Nov 2025	10	34	0.02	0.3	<0.01	3.64	0.011	<0.0002	0.0002	0.0140	0.007	<0.0001	0.0207	0.0079		<0.00001	0.024	<1.0
EPL90	25 Nov 2025	<5	12	0.06	0.2	<0.01	0.19	<0.005	<0.0002	<0.0002	0.0023	<0.002	<0.0001	0.0032	0.0033	1	<0.00001	0.005	<1.0

EPL91

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	S (F)	Ag (F)	Zn (F)	Oil and Grease
EPL91	02 Jun 2025	40	109	0.09	0.2	0.09	5.04	<0.005	0.0008	<0.0002	<0.0005	0.256	<0.0001	0.407	0.0060		<0.00001	0.001	<1.0
EPL91	09 Jun 2025	15	115	0.10	0.1	0.11	<0.01	<0.005	0.0010	<0.0002	<0.0005	0.433	<0.0001	0.464	0.0010		<0.00001	0.002	<1.0
EPL91	16 Jun 2025	<5	112	0.09	0.2	0.13	<0.01	<0.005	0.0004	<0.0002	<0.0005	0.014	<0.0001	0.665	0.0010		<0.00001	0.002	<1.0
EPL91	23 Jun 2025	25	98	0.09	0.3	0.24	<0.01	<0.005	<0.0002	<0.0002	<0.0005	0.013	<0.0001	0.782	0.0017		<0.00001	<0.001	<1.0
EPL91	01 Jul 2025	10	111	0.09	0.4	0.26	<0.01	<0.005	0.0025	<0.0002	<0.0005	0.558	<0.0001	1.07	0.0019		<0.00001	<0.001	<1.0
EPL91	08 Jul 2025	14	126	0.09	0.4	0.16	<0.01	<0.005	0.0014	<0.0002	<0.0005	0.726	<0.0001	0.943	0.0010		<0.00001	<0.001	<1.0
EPL91	14 Jul 2025	6	112	0.03	0.3	0.14	0.01	<0.005	0.0009	<0.0002	<0.0005	0.029	<0.0001	0.828	0.0016		<0.00001	<0.001	<1.0
EPL91	22 Jul 2025	18	94	0.04	0.2	0.12	<0.01	0.006	0.0028	<0.0002	<0.0005	1.21	0.0002	0.931	0.0024		<0.00001	0.001	<1.0
EPL91	31 Jul 2025	13	109	0.03	0.2	0.13	<0.01	<0.005	0.0040	<0.0002	<0.0005	1.40	0.0002	0.909	0.0020		<0.00001	<0.001	<1.0
EPL91	05 Aug 2025	12	113	0.04	0.1	0.08	<0.01	<0.005	0.0028	<0.0002	<0.0005	1.15	<0.0001	0.861	0.0016		<0.00001	<0.001	<1.0
EPL 91	15 Aug 2025	13	108	0.07	0.2	0.09	<0.01	<0.005	0.0028	<0.0002	<0.0005	1.37	<0.0001	0.900	0.0018		<0.00001	<0.001	<1.0
EPL 91	18 Aug 2025	12	126	0.03	0.1	0.07	<0.01	<0.005	0.0013	<0.0002	<0.0005	0.185	<0.0001	0.828	0.0017		<0.00001	<0.001	<1.0
EPL91	28 Aug 2025	13	108	0.07	0.2	0.08	<0.01	<0.005	0.0023	<0.0002	<0.0005	0.825	<0.0001	0.724	0.0016		<0.00001	0.002	<1.0
EPL91	01 Sep 2025	5	107	0.06	0.1	0.07	<0.01	<0.005	0.0012	<0.0002	<0.0005	0.114	<0.0001	0.722	0.0017		<0.00001	<0.001	<1.0
EPL 91	12 Sep 2025	16	102	0.09	<0.1	0.05	<0.01	<0.005	0.0012	<0.0002	<0.0005	0.111	<0.0001	0.718	0.0016		<0.00001	0.001	<1.0
EPL 91	15 Sep 2025	12	115	0.07	<0.1	0.03	0.05	<0.005	0.0004	<0.0002	<0.0005	<0.002	<0.0001	0.516	0.0010		<0.00001	0.001	<1.0
EPL91	25 Sep 2025	8	111	0.06	0.1	<0.01	5.14	<0.005	<0.0002	<0.0002	<0.0005	<0.002	<0.0001	0.112	0.0007		<0.00001	0.001	<1.0
EPL91	29 Sep 2025	11	117	0.04	0.2	<0.01	5.55	<0.005	<0.0002	<0.0002	<0.0005	<0.002	<0.0001	0.456	0.0011		<0.00001	0.001	<1.0
EPL91	14 Oct 2025	28	117	0.04	<0.1	0.03	5.62	<0.005	0.0002	<0.0002	<0.0005	<0.002	<0.0001	0.286	0.0008		<0.00001	0.002	<1.0
EPL91	06 Nov 2025	14	111	0.03	<0.1	0.01	<0.01	<0.005	0.0007	<0.0002	<0.0005	<0.002	<0.0001	0.033	0.0014		<0.00001	0.003	<1.0
EPL91	25 Nov 2025	8	91	0.07	<0.1	0.01	5.03	<0.005	0.0007	<0.0002	<0.0005	<0.002	<0.0001	0.263	0.0103	3	<0.00001	0.001	<1.0

EPL92, EPL93

EPL94, EPL95



EPL94

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	K (F)	Ag (F)	Zn (F)	Oil and Grease
EPL94	02 Jun 2025	72	76	0.04	0.1	0.02	<0.01	<0.005	0.0032	<0.0002	<0.0005	<0.002	<0.0001	0.283	0.0006		<0.00001	0.004	<1.0
EPL94	09 Jun 2025	46	88	0.05	<0.1	0.02	<0.01	<0.005	0.0011	<0.0002	<0.0005	<0.002	<0.0001	0.387	0.0010		<0.00001	0.005	<1.0
EPL94	16 Jun 2025	27	69	0.04	<0.1	0.01	<0.01	<0.005	0.0005	<0.0002	<0.0005	<0.002	<0.0001	0.406	0.0013		<0.00001	0.005	<1.0
EPL94	23 Jun 2025	189	85	0.04	0.2	0.02	<0.01	<0.005	0.0011	<0.0002	<0.0005	<0.002	<0.0001	0.404	0.0015		<0.00001	0.014	<1.0
EPL94	01 Jul 2025	150	67	0.06	0.1	0.04	<0.01	<0.005	0.0016	<0.0002	<0.0005	<0.002	<0.0001	0.486	0.0013		<0.00001	0.004	<1.0
EPL94	08 Jul 2025	57	67	0.02	1.0	0.02	<0.01	<0.005	0.0013	<0.0002	<0.0005	0.003	<0.0001	0.457	0.0014		<0.00001	0.004	<1.0
EPL94	14 Jul 2025	41	72	0.10	<0.1	<0.01	0.01	<0.005	0.0009	<0.0002	<0.0005	<0.002	<0.0001	0.415	0.0016		<0.00001	0.005	<1.0
EPL94	22 Jul 2025	69	52	0.06	0.2	0.02	<0.01	<0.005	0.0063	<0.0002	<0.0005	1.29	0.0002	0.681	0.0010		<0.00001	0.003	<1.0
EPL94	31 Jul 2025	64	72	0.11	0.2	0.09	0.03	<0.005	0.0016	<0.0002	<0.0005	0.383	0.0001	0.427	0.0014		<0.00001	0.010	<1.0
EPL94	05 Aug 2025	72	76	0.03	0.1	<0.01	<0.01	<0.005	0.0004	<0.0002	<0.0005	0.003	<0.0001	0.414	0.0012		<0.00001	0.004	<1.0
EPL94	15 Aug 2025	186	80	0.11	0.2	0.02	<0.01	<0.005	0.0077	0.0002	<0.0005	1.94	<0.0001	0.574	0.0010		<0.00001	0.005	<1.0
EPL94	18 Aug 2025	102	83	0.06	<0.1	0.01	<0.01	<0.005	0.0014	<0.0002	<0.0005	<0.002	<0.0001	0.489	0.0013		<0.00001	0.005	<1.0
EPL94	26 Aug 2025	78	74	0.09	<0.1	<0.01	<0.01	<0.005	0.0016	<0.0002	<0.0005	0.062	<0.0001	0.431	0.0014		<0.00001	0.005	<1.0
EPL94	01 Sep 2025	38	74	0.07	<0.1	0.02	<0.01	<0.005	0.0011	<0.0002	<0.0005	<0.002	<0.0001	0.437	0.0014		<0.00001	0.003	<1.0
EPL94	12 Sep 2025	92	69	0.07	0.1	0.02	<0.01	<0.005	0.0017	<0.0002	<0.0005	0.062	<0.0001	0.529	0.0014		<0.00001	0.002	<1.0
EPL94	15 Sep 2025	64	78	0.07	0.1	0.02	<0.01	<0.005	0.0018	<0.0002	<0.0005	0.063	<0.0001	0.468	0.0018		<0.00001	0.002	<1.0
EPL94	25 Sep 2025	67	80	0.07	<0.1	<0.01	<0.01	<0.005	0.0014	<0.0002	<0.0005	<0.002	<0.0001	0.527	0.0012		<0.00001	0.003	<1.0
EPL94	28 Sep 2025	141	80	0.14	0.2	<0.01	<0.01	<0.005	0.0016	<0.0002	<0.0005	<0.002	<0.0001	0.554	0.0014		<0.00001	0.004	<1.0
EPL94	14 Oct 2025	74	78	0.06	<0.1	0.03	<0.01	<0.005	0.0018	<0.0002	<0.0005	<0.002	<0.0001	0.474	0.0012		<0.00001	0.002	<1.0
EPL94	06 Nov 2025	112	78	0.06	<0.1	0.01	<0.01	<0.005	0.0013	<0.0002	<0.0005	<0.002	<0.0001	0.514	0.0012		<0.00001	0.004	<1.0
EPL94	25 Nov 2025	44	63	0.06	<0.1	<0.01	0.01	<0.005	0.0006	<0.0002	<0.0005	<0.002	<0.0001	0.139	<0.0005	3	0.00002	0.001	<1.0

EPL95

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	K (F)	Ag (F)	Zn (F)	Oil and Grease
EPL95	02 Jun 2025	10	318	0.03	71.5	0.04	50.8	<0.005	0.0013	<0.0002	0.0008	<0.002	0.0001	0.268	0.0032		<0.00001	0.002	<1.0
EPL95	09 Jun 2025	<5	418	<0.01	74.9	0.09	60.3	<0.005	0.0016	<0.0002	0.362	<0.002	0.0002	0.494	0.0103		<0.00001	0.047	<1.0
EPL95	16 Jun 2025	<5	366	0.06	59.2	0.01	59.2	<0.005	0.0019	0.0002	0.0139	<0.002	0.0003	0.278	0.0118		<0.00001	0.016	<1.0
EPL95	23 Jun 2025	41	286	0.01	60.5	0.52	56.8	<0.005	0.0015	<0.0002	0.0406	<0.002	0.0002	0.257	0.0148		<0.00001	0.007	<1.0
EPL95	01 Jul 2025	32	256	0.07	45.5	<0.01	58.7	<0.005	0.0009	<0.0002	0.0164	<0.002	0.0001	0.067	0.0194		<0.00001	0.043	<1.0
EPL95	08 Jul 2025	6	286	<0.01	59.9	0.02	43.6	<0.005	0.0012	<0.0002	0.0406	<0.002	0.0001	0.315	0.0171		<0.00001	0.054	<1.0
EPL95	14 Jul 2025	<5	277	0.05	47.3	0.52	46.2	<0.005	0.0010	<0.0002	0.340	<0.002	0.0004	0.425	0.0156		<0.00001	0.046	<1.0
EPL95	22 Jul 2025	<5	222	14.7	73.8	<0.01	42.8	0.005	0.0011	<0.0002	0.163	<0.002	0.0003	0.263	0.0143		<0.00001	0.051	<1.0
EPL95	31 Jul 2025	<5	281	0.04	41.0	0.07	37.0	<0.005	0.0012	<0.0002	0.223	0.006	0.0006	0.479	0.0163		<0.00001	0.042	<1.0
EPL95	05 Aug 2025	<5	243	0.04	39.4	<0.01	36.6	<0.005	0.0012	<0.0002	0.0393	<0.002	<0.0001	0.368	0.0155		<0.00001	0.039	<1.0
EPL95	15 Aug 2025	27	384	0.08	37.3	<0.01	33.7	<0.005	0.0014	0.0002	0.0403	0.003	0.0012	0.662	0.0167		<0.00001	0.055	<1.0
EPL95	18 Aug 2025	<5	273	0.01	46.5	<0.01	41.2	<0.005	0.0012	0.0002	0.0974	<0.002	<0.0001	0.338	0.0128		<0.00001	0.040	<1.0
EPL95	26 Aug 2025	<5	256	0.02	51.8	<0.01	48.4	<0.005	0.0011	<0.0002	0.505	<0.002	0.0001	0.368	0.0132		<0.00001	0.045	<1.0
EPL95	01 Sep 2025	<5	243	0.02	44.3	<0.01	39.3	<0.005	0.0013	<0.0002	0.170	<0.002	<0.0001	0.471	0.0156		<0.00001	0.047	<1.0
EPL95	15 Sep 2025	<5	247	0.02	41.7	<0.01	41.0	<0.005	0.0010	<0.0002	0.039	0.004	<0.0001	0.225	0.0108		<0.00001	0.037	<1.0
EPL95	25 Sep 2025	8	251	0.05	45.5	<0.01	39.4	<0.005	0.0009	<0.0002	0.0115	<0.002	<0.0001	0.758	0.0144		<0.00001	0.027	<1.0
EPL95	29 Sep 2025	<5	252	<0.01	49.8	<0.01	40.8	<0.005	0.0009	0.0031	0.0714	<0.002	<0.0001	0.273	0.0118		<0.00001	0.031	<1.0
EPL95	15 Oct 2025	<5	272	0.02	46.5	0.04	39.8	<0.005	0.0011	<0.0002	0.007	<0.002	0.0001	0.342	0.0124		<0.00001	0.035	<1.0
EPL95	06 Nov 2025	<5	12	0.02	41.9	<0.01	41.8	<0.005	0.0015	<0.0002	0.339	<0.002	<0.0001	0.413	0.0155		<0.00001	0.048	<1.0
EPL95	25 Nov 2025	<5	272	0.04	40.3	0.01	40.1	<0.005	0.0009	<0.0002	0.130	<0.002	0.0001	0.366	0.0114	4	<0.00001	0.021	<1.0

EPL96, EPL97

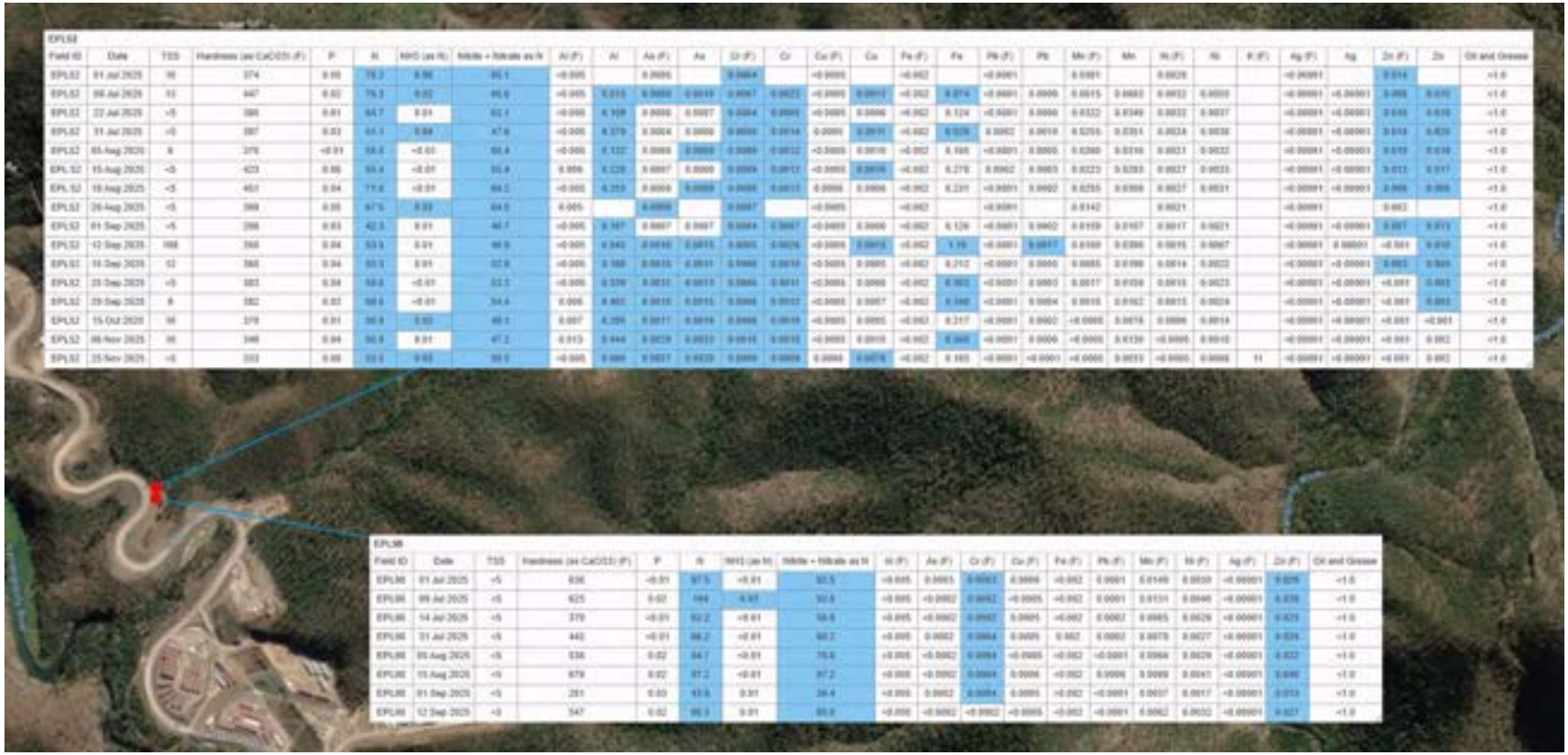
EPL96

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL96	02 Jun 2025	596	135	0.45	11.2	<0.01	11.3	<0.005	<0.0002	0.0000	<0.0005	<0.002	<0.0001	0.0255	0.0017	<0.00001	0.001	<1.0
EPL96	01 Jul 2025	728	898	0.28	146	0.02	86.4	<0.005	0.0003	0.0012	0.0006	<0.002	<0.0001	0.0007	0.0012	<0.00001	<0.001	<1.0
EPL96	14 Jul 2025	770	767	0.07	56.1	0.02	60.3	<0.005	0.0003	0.0012	0.0009	<0.002	<0.0001	0.0015	0.0011	<0.00001	<0.001	<1.0
EPL96	05 Aug 2025	385	715	0.08	17.8	<0.01	72.4	<0.005	0.0002	0.0014	<0.0005	0.007	<0.0001	0.0009	0.0005	<0.00001	<0.001	<1.0
EPL 94	12 Sep 2025	259	463	0.14	59.6	0.01	59.3	<0.005	<0.0002	0.0006	0.0006	<0.002	<0.0001	0.0137	0.0021	<0.00001	<0.001	<1.0
EPL96	15 Oct 2025	360	199	0.25	24.6	<0.01	22.1	<0.005	<0.0002	0.0005	<0.0005	<0.002	<0.0001	0.0034	0.0016	<0.00001	<0.001	<1.0
EPL96	22 Nov 2025	5160	205	2.65	24.4	0.02	28.1	<0.005	<0.0002	<0.0002	<0.0005	<0.002	<0.0001	0.0035	0.0024	<0.00001	0.001	<1.0

EPL97

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	K (F)	Ag (F)	Zn (F)	Oil and Grease
EPL97	02 Jun 2025	34	145	0.03	0.5	<0.01	0.40	<0.005	<0.0002	<0.0002	<0.0005	0.002	<0.0001	0.427	0.0023		<0.00001	0.042	<1.0
EPL97	09 Jun 2025	12	157	0.04	0.4	0.02	0.35	<0.005	0.0003	<0.0002	<0.0005	<0.002	<0.0001	0.439	0.0030		<0.00001	0.050	<1.0
EPL97	16 Jun 2025	9	158	0.03	0.2	<0.01	0.17	<0.005	<0.0002	<0.0002	<0.0005	0.007	<0.0001	0.535	0.0041		<0.00001	0.052	<1.0
EPL97	23 Jun 2025	26	156	0.02	0.3	<0.01	0.31	<0.005	0.0003	<0.0002	<0.0005	<0.002	<0.0001	0.436	0.0032		<0.00001	0.074	<1.0
EPL97	01 Jul 2025	16	144	0.04	0.7	0.04	0.48	<0.005	0.0003	<0.0002	<0.0005	<0.002	<0.0001	0.668	0.0040		<0.00001	0.063	<1.0
EPL97	08 Jul 2025	68	173	0.03	0.6	0.03	0.43	<0.005	0.0003	<0.0002	<0.0005	0.002	<0.0001	0.574	0.0044		<0.00001	0.060	
EPL97	14 Jul 2025	148	162	0.03	0.6	0.02	0.39	<0.005	0.0003	<0.0002	<0.0005	<0.002	<0.0001	0.525	0.0039		<0.00001	0.070	<1.0
EPL97	22 Jul 2025	109	122	0.07	0.6	0.02	0.36	0.009	0.0003	<0.0002	<0.0005	0.004	0.0004	0.583	0.0049		<0.00001	0.097	<1.0
EPL97	31 Jul 2025	128	136	0.12	0.3	<0.01	0.24	<0.005	0.0003	0.0002	<0.0005	0.139	0.0002	0.552	0.0040		<0.00001	0.100	<1.0
EPL97	05 Aug 2025	46	155	0.04	0.6	<0.01	0.46	<0.005	<0.0002	<0.0002	<0.0005	0.164	<0.0001	0.664	0.0042		<0.00001	0.073	<1.0
EPL 97	15 Aug 2025	26	148	0.04	0.5	<0.01	0.44	<0.005	0.0002	0.0002	<0.0005	0.043	<0.0001	0.605	0.0043		<0.00001	0.106	<1.0
EPL 97	18 Aug 2025	13	178	0.04	0.6	<0.01	0.48	<0.005	<0.0002	<0.0002	<0.0005	0.068	<0.0001	0.629	0.0044		<0.00001	0.075	<1.0
EPL97	26 Aug 2025	16	153	0.03	1.0	<0.01	0.48	<0.005	<0.0002	<0.0002	<0.0005	0.015	<0.0001	0.448	0.0044		<0.00001	0.089	<1.0
EPL97	01 Sep 2025	92	146	0.04	0.5	0.01	0.54	<0.005	0.0002	<0.0002	<0.0005	<0.002	<0.0001	0.461	0.0044		<0.00001	0.072	<1.0
EPL 97	12 Sep 2025	25	139	0.02	0.6	0.01	0.54	<0.005	<0.0002	<0.0002	<0.0005	<0.002	<0.0001	0.475	0.0041		<0.00001	0.068	<1.0
EPL 97	15 Sep 2025	23	154	0.06	0.6	<0.01	0.51	<0.005	<0.0002	<0.0002	<0.0005	<0.002	<0.0001	0.452	0.0034		<0.00001	0.060	<1.0
EPL97	25 Sep 2025	18	148	0.05	0.6	<0.01	0.53	<0.005	<0.0002	<0.0002	<0.0005	<0.002	<0.0001	0.453	0.0039		<0.00001	0.056	<1.0
EPL97	29 Sep 2025	36	155	0.01	0.6	<0.01	0.50	<0.005	<0.0002	<0.0002	<0.0005	<0.002	<0.0001	0.333	0.0030		<0.00001	0.052	<1.0
EPL97	15 Oct 2025	18	153	0.02	0.6	<0.01	0.58	<0.005	<0.0002	<0.0002	<0.0005	<0.002	<0.0001	0.405	0.0037		<0.00001	0.040	<1.0
EPL97	08 Nov 2025	36	146	0.03	1.0	<0.01	0.68	<0.005	<0.0002	<0.0002	<0.0005	<0.002	<0.0001	0.301	0.0043		<0.00001	0.079	<1.0
EPL97	25 Nov 2025	32	148	0.04	0.7	0.01	0.57	<0.005	<0.0002	<0.0002	<0.0005	<0.002	<0.0001	0.0023	0.0038	3	<0.00001	0.016	<1.0

EPL52, EPL98



EPL52

Field ID	Date	TDS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	Al	As (F)	As	Cr (F)	Cr	Cu (F)	Cu	Fe (F)	Fe	Pb (F)	Pb	Mn (F)	Mn	N (F)	Ni	K (F)	Ag (F)	Ag	Zn (F)	Zn	Oil and Grease
EPL52	01 Jul 2025	16	374	0.09	78.2	8.96	86.1	<0.005		0.0005		0.0064		<0.0005		<0.002		<0.0001		0.0381		0.0026			<0.00001		0.014		<1.0
EPL52	08 Jul 2025	11	447	0.02	79.3	0.02	85.6	<0.005	0.015	0.0006	0.0019	0.0067	0.0023	<0.0005	0.0013	<0.002	0.274	<0.0001	0.0006	0.0015	0.0003	0.0012	0.0010		<0.00001	<0.00001	0.005	0.010	<1.0
EPL52	22 Jul 2025	<5	385	0.01	64.7	0.01	62.1	<0.005	0.108	0.0005	0.0007	0.0064	0.0005	<0.0005	0.0006	<0.002	0.124	<0.0001	0.0006	0.0022	0.0349	0.0022	0.0037		<0.00001	<0.00001	0.010	0.018	<1.0
EPL52	31 Jul 2025	<5	397	0.03	64.1	0.04	47.6	<0.005	0.379	0.0004	0.0009	0.0055	0.0014	0.0005	0.0031	<0.002	0.026	0.0002	0.0010	0.0255	0.0351	0.0024	0.0038		<0.00001	<0.00001	0.018	0.029	<1.0
EPL52	05 Aug 2025	8	378	<0.01	58.8	<0.01	66.4	<0.005	0.122	0.0004	0.0009	0.0059	0.0012	<0.0005	0.0018	<0.002	0.165	<0.0001	0.0005	0.0260	0.0316	0.0021	0.0032		<0.00001	<0.00001	0.015	0.019	<1.0
EPL 52	15 Aug 2025	<5	423	0.06	59.4	<0.01	55.4	0.006	0.220	0.0007	0.0009	0.0059	0.0012	<0.0005	0.0038	<0.002	0.278	0.0002	0.0003	0.0323	0.0353	0.0027	0.0033		<0.00001	<0.00001	0.011	0.017	<1.0
EPL 52	19 Aug 2025	<5	451	0.04	71.0	<0.01	64.2	<0.005	0.253	0.0004	0.0009	0.0058	0.0013	0.0006	0.0006	<0.002	0.231	<0.0001	0.0002	0.0255	0.0309	0.0021	0.0031		<0.00001	<0.00001	0.008	0.009	<1.0
EPL52	26 Aug 2025	<5	399	0.05	67.5	0.02	64.0	0.005		0.0008		0.0057		<0.0005		<0.002		<0.0001		0.0142		0.0021			<0.00001		0.052		<1.0
EPL52	01 Sep 2025	<5	299	0.03	42.5	0.01	44.7	<0.005	0.167	0.0007	0.0007	0.0064	0.0007	<0.0005	0.0006	<0.002	0.126	<0.0001	0.0002	0.0159	0.0167	0.0017	0.0023		<0.00001	<0.00001	0.007	0.013	<1.0
EPL52	12 Sep 2025	168	350	0.04	53.5	0.01	48.9	<0.005	0.043	0.0010	0.0015	0.0043	0.0026	<0.0005	0.0012	<0.002	0.19	<0.0001	0.0017	0.0169	0.0266	0.0015	0.0067		<0.00001	0.00001	<0.001	0.010	<1.0
EPL52	19 Sep 2025	12	360	0.04	53.3	0.01	52.9	<0.005	0.168	0.0015	0.0011	0.0048	0.0010	<0.0005	0.0005	<0.002	0.212	<0.0001	0.0005	0.0085	0.0199	0.0014	0.0022		<0.00001	<0.00001	0.002	0.005	<1.0
EPL52	23 Sep 2025	<5	383	0.04	58.6	<0.01	53.3	<0.005	0.129	0.0010	0.0013	0.0060	0.0011	<0.0005	0.0008	<0.002	0.302	<0.0001	0.0003	0.0017	0.0159	0.0010	0.0023		<0.00001	<0.00001	<0.001	0.003	<1.0
EPL52	29 Sep 2025	8	382	0.02	58.0	<0.01	54.4	0.006	0.463	0.0010	0.0015	0.0068	0.0012	<0.0005	0.0007	<0.002	0.340	<0.0001	0.0004	0.0015	0.0152	0.0013	0.0024		<0.00001	<0.00001	<0.001	0.003	<1.0
EPL52	15 Oct 2025	16	378	0.01	56.8	0.03	48.5	0.007	0.255	0.0017	0.0018	0.0068	0.0018	<0.0005	0.0005	<0.002	0.217	<0.0001	0.0002	<0.0005	0.0078	0.0006	0.0014		<0.00001	<0.00001	<0.001	<0.001	<1.0
EPL52	06 Nov 2025	16	348	0.04	56.8	0.01	47.2	0.013	0.444	0.0029	0.0033	0.0115	0.0035	<0.0005	0.0010	<0.002	0.348	<0.0001	0.0006	<0.0005	0.0139	<0.0005	0.0016		<0.00001	<0.00001	<0.001	0.002	<1.0
EPL52	25 Nov 2025	<5	333	0.03	53.5	0.02	50.5	<0.005	0.084	0.0017	0.0029	0.0059	0.0009	0.0004	0.0018	<0.002	0.163	<0.0001	<0.0001	<0.0005	0.0033	<0.0005	0.0008	11	<0.00001	<0.00001	<0.001	0.002	<1.0

EPL98

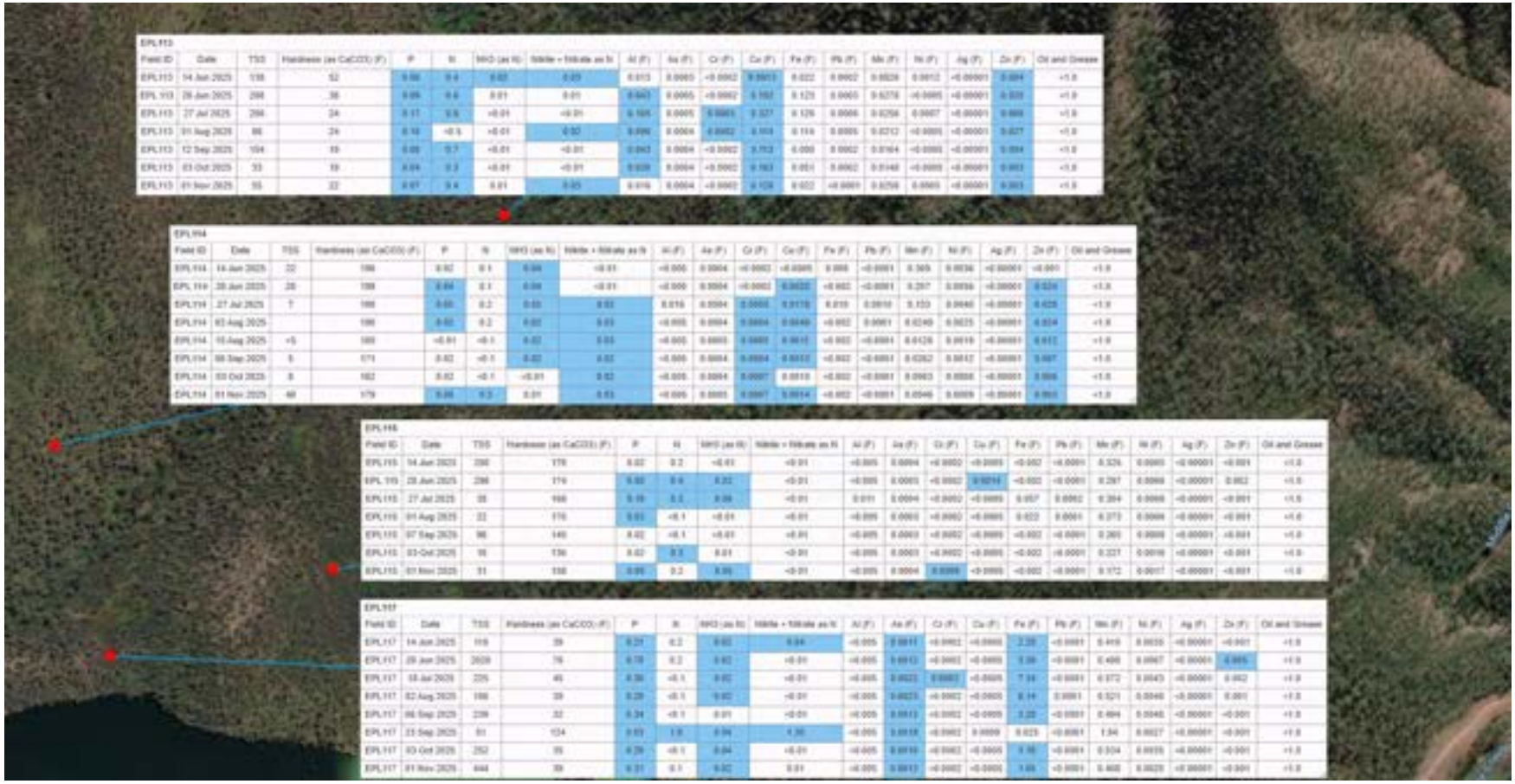
Field ID	Date	TDS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL98	01 Jul 2025	<5	636	<0.01	97.5	<0.01	92.5	<0.005	0.0005	0.0053	0.0006	<0.002	0.0001	0.0149	0.0039	<0.00001	0.005	<1.0
EPL98	09 Jul 2025	<5	625	0.02	104	0.03	92.6	<0.005	<0.0002	0.0052	<0.0005	<0.002	0.0001	0.0131	0.0040	<0.00001	0.009	<1.0
EPL98	14 Jul 2025	<5	379	<0.01	62.2	<0.01	58.8	<0.005	<0.0002	0.0057	0.0005	<0.002	0.0002	0.0085	0.0029	<0.00001	0.021	<1.0
EPL98	31 Jul 2025	<5	440	<0.01	68.2	<0.01	60.2	<0.005	0.0002	0.0064	0.0005	0.002	0.0002	0.0078	0.0027	<0.00001	0.026	<1.0
EPL98	05 Aug 2025	<5	538	0.02	84.7	<0.01	75.6	<0.005	<0.0002	0.0064	<0.0005	<0.002	<0.0001	0.0064	0.0029	<0.00001	0.022	<1.0
EPL98	19 Aug 2025	<5	679	0.02	97.2	<0.01	87.2	<0.005	<0.0002	0.0054	0.0006	<0.002	0.0006	0.0099	0.0041	<0.00001	0.040	<1.0
EPL98	01 Sep 2025	<5	281	0.03	43.6	0.01	39.4	<0.005	0.0002	0.0054	0.0005	<0.002	<0.0001	0.0037	0.0017	<0.00001	0.013	<1.0
EPL98	12 Sep 2025	<5	547	0.02	90.3	0.01	85.8	<0.005	<0.0002	<0.0052	<0.0005	<0.002	<0.0001	0.0062	0.0033	<0.00001	0.027	<1.0

EPL41

EPL41

Field ID	Date	TSS	Hardness (as CaCO3) (F)	Hardness (as CaCO3)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Thermotolerant Coliforms	BOD	Al (F)	As (F)	Cr (F)	Cr	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL41	15 Jun 2025	<5	<1		<0.01	<0.1	<0.01	0.09	<1	<2	<0.005	<0.0002	<0.0002		<0.0005	<0.002	<0.0001	<0.0005	<0.0005	<0.00001	<0.001	<1.0
EPL41	09 Jul 2025	<5	<1		<0.01	<0.1	0.02	0.09	<1	<2	<0.005	<0.0002	<0.0002		<0.0005	<0.002	<0.0001	<0.0005	<0.0005	<0.00001	<0.001	<1.0
EPL41	13 Aug 2025	<5	<1		<0.01	0.3	<0.01	0.11	<1	<2	<0.005	<0.0002	<0.0002		<0.0005	<0.002	<0.0001	<0.0005	<0.0005	<0.00001	<0.001	<1.0
EPL41	17 Sep 2025	<5	<1		0.02	0.4	<0.01	0.05	<1	<2	<0.005	<0.0002	<0.0002		<0.0005	<0.002	<0.0001	<0.0005	<0.0005	<0.00001	<0.001	<1.0
EPL41	14 Sep 2025	<5	<1		<0.01	0.2	<0.01	0.04	<1	<2	<0.005	<0.0002	<0.0002		<0.0005	<0.002	<0.0001	<0.0005	<0.0005	<0.00001	<0.001	<1.0
EPL41	04 Oct 2025	<5	<1		0.02	0.5	<0.01	0.09	<1	2	<0.005	<0.0002	<0.0002		<0.0005	<0.002	<0.0001	<0.0004	<0.0005	<0.00001	<0.001	<1.0
EPL41	09 Nov 2025	<5	<1		0.03	0.2	<0.01	0.15	<1	<2	<0.005	<0.0002	<0.0002		<0.0005	<0.002	<0.0001	<0.0004	<0.0005	<0.00001	<0.001	<1.0
EPL41	16 Nov 2025	<5	<1		0.01	<0.1	<0.01	0.02	<1	<2	<0.005	<0.0002	<0.0002		<0.0005	<0.002	<0.0001	<0.0004	<0.0005	<0.00001	<0.001	<1.0
LOBS_QA01	15 Jun 2025	<5	<1		<0.01	0.1	<0.01	0.10	<1	2	<0.005	<0.0002	<0.0002		<0.0005	<0.002	<0.0001	<0.0004	<0.0005	<0.00001	<0.001	<1.0
QA_LOBS_1	13 Aug 2025	<5	<1		0.03	0.3	<0.01	0.11	3	<2	<0.005	<0.0002	<0.0002		<0.0005	<0.002	<0.0001	<0.0004	<0.0005	<0.00001	<0.001	<1.0
QA_LOBS_2	13 Aug 2025	<5		<1	0.009	0.4	<0.009	0.077			<0.005	<0.001	0.001	0.001	<0.001	<0.05	<0.001	<0.005	<0.001	<0.005	<0.005	

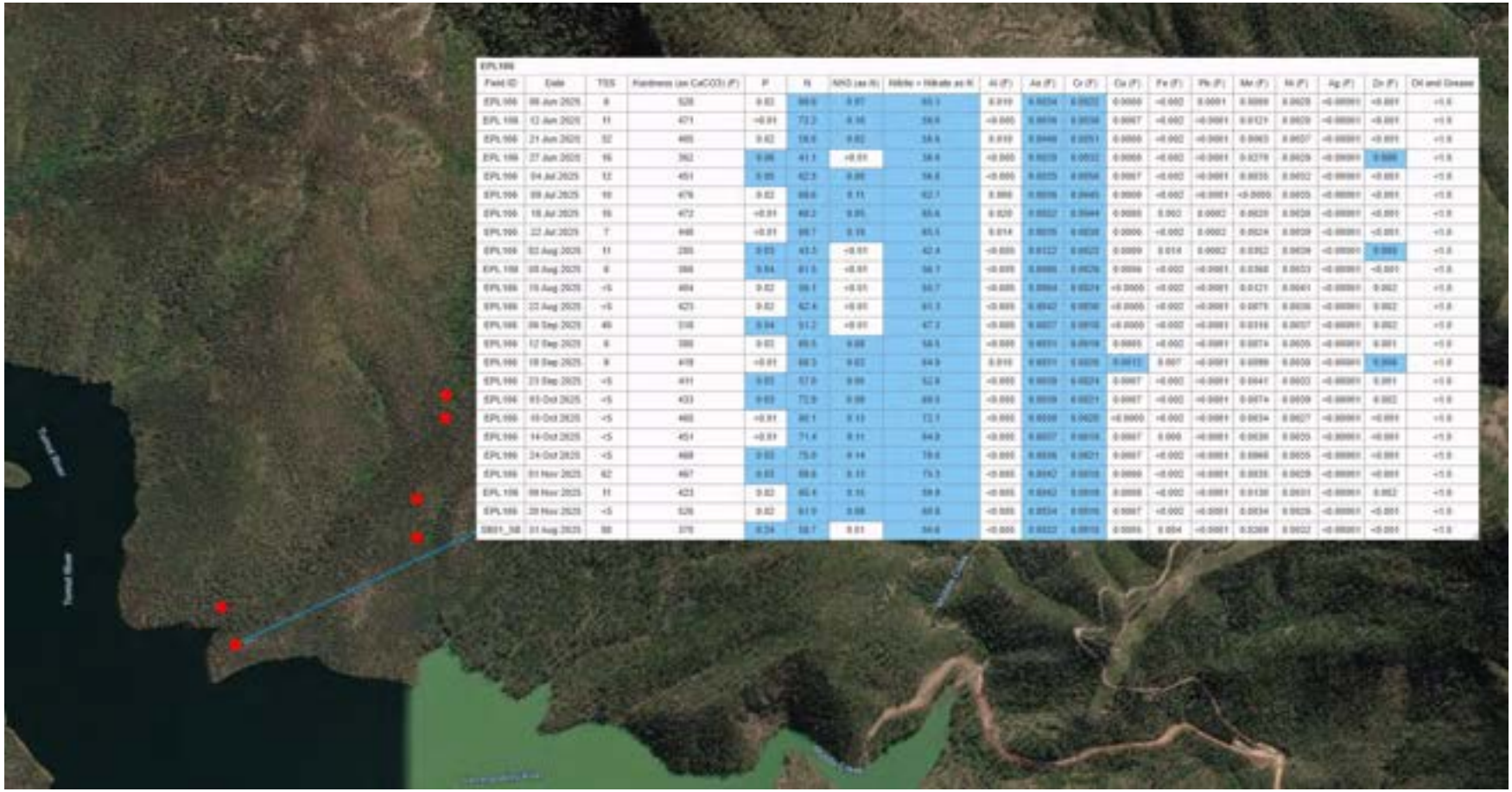
EPL113, EPL114, EPL115, EPL117



EPL110, EPL116, EPL118

EPL119, EPL120

EPL106

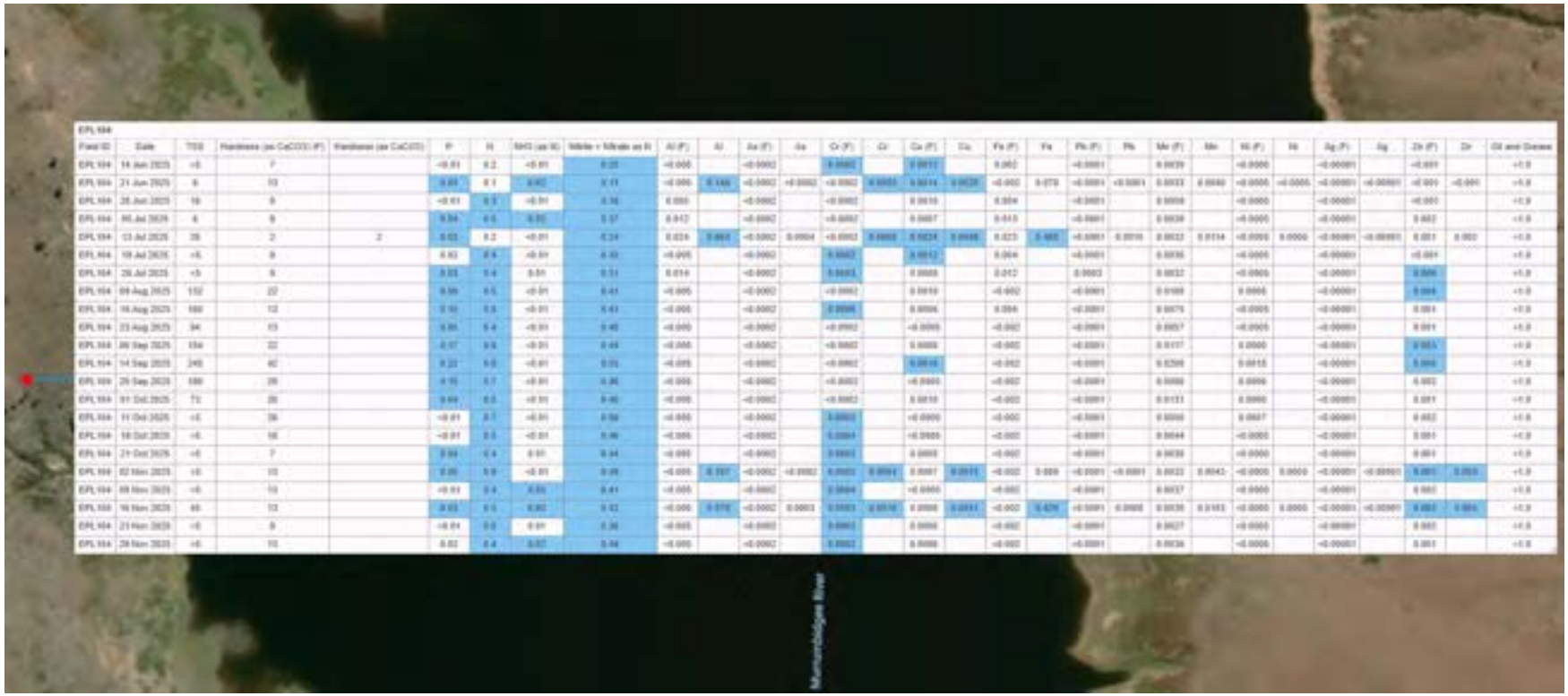


EPL106																				
Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL106	06 Jun 2025	8	528	0.03	68.6	0.97	65.1	0.019	0.0034	0.0022	0.0050	<0.002	0.0001	0.0099	0.0029	<0.00001	<0.001	<5.0
EPL106	12 Jun 2025	11	471	<0.01	72.2	0.16	58.4	<0.005	0.0016	0.0034	0.0067	<0.002	<0.0001	0.0121	0.0029	<0.00001	<0.001	<5.0
EPL106	21 Jun 2025	52	465	0.02	58.8	0.02	58.4	0.019	0.0048	0.0051	0.0050	<0.002	<0.0001	0.0063	0.0027	<0.00001	<0.001	<5.0
EPL106	27 Jun 2025	16	362	0.06	41.3	<0.01	38.4	<0.005	0.0028	0.0022	0.0058	<0.002	<0.0001	0.0279	0.0029	<0.00001	0.005	<5.0
EPL106	04 Jul 2025	12	451	0.05	62.3	0.06	54.8	<0.005	0.0025	0.0054	0.0057	<0.002	<0.0001	0.0035	0.0032	<0.00001	<0.001	<5.0
EPL106	09 Jul 2025	10	478	0.02	68.6	0.11	62.1	0.009	0.0016	0.0040	0.0059	<0.002	<0.0001	<0.0050	0.0025	<0.00001	<0.001	<5.0
EPL106	18 Jul 2025	55	472	<0.01	68.2	0.05	63.4	0.020	0.0022	0.0044	0.0065	0.002	0.0002	0.0020	0.0028	<0.00001	<0.001	<5.0
EPL106	22 Jul 2025	7	448	<0.01	68.7	0.10	65.1	0.014	0.0015	0.0030	0.0056	<0.002	0.0002	0.0024	0.0028	<0.00001	<0.001	<5.0
EPL106	02 Aug 2025	11	285	0.03	43.3	<0.01	42.4	<0.005	0.0012	0.0023	0.0059	0.014	0.0002	0.0352	0.0029	<0.00001	0.005	<5.0
EPL106	08 Aug 2025	8	386	0.04	61.5	<0.01	56.1	<0.005	0.0006	0.0026	0.0056	<0.002	<0.0001	0.0368	0.0023	<0.00001	<0.001	<5.0
EPL106	15 Aug 2025	<5	464	0.02	69.1	<0.01	65.7	<0.005	0.0004	0.0024	<0.0050	<0.002	<0.0001	0.0121	0.0041	<0.00001	0.002	<5.0
EPL106	22 Aug 2025	<5	423	0.02	62.4	<0.01	61.3	<0.005	0.0042	0.0050	<0.0050	<0.002	<0.0001	0.0079	0.0036	<0.00001	0.002	<5.0
EPL106	09 Sep 2025	49	316	0.04	51.2	<0.01	47.3	<0.005	0.0027	0.0010	<0.0050	<0.002	<0.0001	0.0316	0.0027	<0.00001	0.002	<5.0
EPL106	12 Sep 2025	8	386	0.03	65.5	0.08	58.5	<0.005	0.0031	0.0019	0.0065	<0.002	<0.0001	0.0074	0.0035	<0.00001	0.001	<5.0
EPL106	19 Sep 2025	8	418	<0.01	68.3	0.02	64.9	0.010	0.0031	0.0035	0.0072	0.007	<0.0001	0.0099	0.0030	<0.00001	0.004	<5.0
EPL106	23 Sep 2025	<5	411	0.03	57.0	0.09	52.9	<0.005	0.0030	0.0024	0.0067	<0.002	<0.0001	0.0041	0.0022	<0.00001	0.001	<5.0
EPL106	01 Oct 2025	<5	433	0.03	72.9	0.09	69.0	<0.005	0.0039	0.0021	0.0067	<0.002	<0.0001	0.0074	0.0029	<0.00001	0.002	<5.0
EPL106	10 Oct 2025	<5	468	<0.01	80.1	0.13	73.7	<0.005	0.0038	0.0020	<0.0050	<0.002	<0.0001	0.0034	0.0027	<0.00001	<0.001	<5.0
EPL106	14 Oct 2025	<5	451	<0.01	71.4	0.11	64.9	<0.005	0.0027	0.0010	0.0067	0.008	<0.0001	0.0039	0.0025	<0.00001	<0.001	<5.0
EPL106	24 Oct 2025	<5	468	0.03	75.0	0.14	70.6	<0.005	0.0035	0.0021	0.0057	<0.002	<0.0001	0.0046	0.0025	<0.00001	<0.001	<5.0
EPL106	01 Nov 2025	62	467	0.03	68.6	0.10	74.3	<0.005	0.0042	0.0010	0.0056	<0.002	<0.0001	0.0035	0.0029	<0.00001	<0.001	<5.0
EPL106	08 Nov 2025	11	423	0.02	65.4	0.10	59.8	<0.005	0.0042	0.0018	0.0058	<0.002	<0.0001	0.0130	0.0031	<0.00001	0.002	<5.0
EPL106	20 Nov 2025	<5	526	0.02	61.0	0.08	60.6	<0.005	0.0034	0.0015	0.0067	<0.002	<0.0001	0.0034	0.0029	<0.00001	<0.001	<5.0
SB01_S8	01 Aug 2025	88	376	0.04	58.7	0.01	54.6	<0.005	0.0022	0.0010	0.0055	0.004	<0.0001	0.0268	0.0022	<0.00001	<0.001	<5.0

EPL103

EPL103																																			
Field ID	Date	TDS	Hardness (as CaCO3) (F)	Hardness (as CaCO3)	P	N	NH3 (as N)	NNN + Nitrate as N	Al (F)	Al	As (F)	As	Cl (F)	Cl	Cu (F)	Cu	Fe (F)	Fe	Pb (F)	Pb	Mn (F)	Mn	Ni (F)	Ni	Ag (F)	Ag	Zn (F)	Zn	Oil and Grease
EPL103	14 Jun 2025	<5	<1		0.03	0.8	<0.01	0.84	<0.005		<0.0002		<0.0002		0.00017		<0.002		<0.0001		0.0009		<0.0005		<0.00001		<0.001		<1.0
EPL103	21 Jun 2025	<5	2		0.03	0.7	0.01	0.82	<0.005	0.141	<0.0002	<0.0002	<0.0002	0.0067	0.0051	0.0127	<0.002	0.007	<0.0001	0.0015	0.0012	0.0058	<0.0005	0.0009	<0.00001	<0.00001	<0.001	<0.001	<1.0
EPL103	28 Jun 2025	6	3		0.09	0.8	<0.01	0.89	<0.005		<0.0002		<0.0002		0.0026		<0.002		<0.0001		0.0012		<0.0005		<0.00001		<0.001		<1.0
EPL103	05 Jul 2025	13	2		0.04	1.0	<0.01	0.93	<0.005		<0.0002		<0.0002		0.0030		<0.002		<0.0001		0.0028		<0.0005		0.00001		<0.001		<1.0
EPL103	13 Jul 2025	14	5	5	0.05	0.9	<0.01	0.94	<0.005	0.027	<0.0002	<0.0002	<0.0002	<0.0002	0.0048	0.0063	<0.002	0.025	<0.0001	0.0002	0.0006	0.0008	<0.0005	<0.0005	<0.00001	<0.00001	0.002	0.002	<1.0
EPL103	19 Jul 2025	5	5		0.02	0.6	0.01	0.65	<0.005		<0.0002		<0.0002		0.0002		<0.002		<0.0001		0.0001		<0.0005		<0.00001		<0.001		<1.0
EPL103	26 Jul 2025	9	2		0.04	1.0	0.01	0.97	<0.005		<0.0002		0.0002		0.0003		0.003		0.0002		0.0024		<0.0005		<0.00001		0.002		<1.0
EPL103	02 Aug 2025	<5	2		0.02	0.7	<0.01	0.75	<0.005		<0.0002		<0.0002		0.0004		<0.002		0.0001		0.0029		<0.0005		<0.00001		<0.001		<1.0
EPL103	09 Aug 2025	7	2		0.03	0.8	<0.01	0.85	<0.005		<0.0002		<0.0002		0.0152		<0.002		<0.0001		0.0017		<0.0005		<0.00001		0.001		<1.0
EPL103	16 Aug 2025	25	2		0.09	1.0	<0.01	0.85	<0.005		<0.0002		<0.0002		0.0396		<0.002		0.0002		0.0018		<0.0005		<0.00001		<0.001		<1.0
EPL103	23 Aug 2025	<5	2		0.01	0.9	<0.01	0.84	<0.005		<0.0002		<0.0002		0.0105		<0.002		<0.0001		0.0029		<0.0005		<0.00001		<0.001		<1.0
EPL103	06 Sep 2025	<5	<1		0.05	0.8	<0.01	0.84	<0.005		<0.0002		<0.0002		0.0211		<0.002		<0.0001		0.0009		<0.0005		<0.00001		<0.001		<1.0
EPL103	14 Sep 2025	8	<1		0.02	0.8	<0.01	0.84	<0.005		<0.0002		<0.0002		0.0101		<0.002		<0.0001		0.0015		<0.0005		<0.00001		<0.001		<1.0
EPL103	28 Sep 2025	<5	2		<0.01	1.0	<0.01	0.85	<0.005		<0.0002		<0.0002		0.0009		<0.002		<0.0001		0.0014		<0.0005		<0.00001		<0.001		<1.0
EPL103	01 Oct 2025	<5	2		0.06	0.8	<0.01	0.95	<0.005		<0.0002		<0.0002		0.0078		<0.002		<0.0001		0.0014		<0.0005		<0.00001		<0.001		<1.0
EPL103	11 Oct 2025	<5	2		0.03	0.8	<0.01	0.82	<0.005		<0.0002		<0.0002		0.0051		<0.002		<0.0001		0.0012		<0.0005		<0.00001		0.003		<1.0
EPL103	18 Oct 2025	<5	2		<0.01	0.6	<0.01	0.63	<0.005		<0.0002		<0.0002		0.0103		<0.002		<0.0001		0.0011		<0.0005		<0.00001		<0.001		<1.0
EPL103	21 Oct 2025	<5	<1		0.04	0.8	0.01	0.87	<0.005		<0.0002		<0.0002		0.0033		<0.002		<0.0001		0.0011		<0.0005		<0.00001		0.012		<1.0
EPL103	02 Nov 2025	<5	2		0.02	1.1	0.01	0.87	<0.005	0.152	<0.0002	<0.0002	<0.0002	0.0052	0.0031	0.0053	<0.002	0.008	<0.0001	0.0008	0.0009	0.0035	<0.0005	<0.0005	<0.00001	<0.00001	<0.001	<0.001	<1.0
EPL103	09 Nov 2025	14	2		0.02	0.8	<0.01	0.87	<0.005		<0.0002		0.0002		0.0051		<0.002		<0.0001		0.0017		<0.0005		<0.00001		0.001		<1.0
EPL103	16 Nov 2025	16	3		0.05	1.0	<0.01	0.90	<0.005	0.061	<0.0002	<0.0002	<0.0002	0.0063	0.0054	0.0116	<0.002	0.053	<0.0001	0.0004	0.0013	0.0039	<0.0005	<0.0005	<0.00001	<0.00001	<0.001	<0.001	<1.0
EPL103	23 Nov 2025	<5	2		0.03	1.0	<0.01	0.87	<0.005		<0.0002		<0.0002		0.0053		<0.002		<0.0001		0.0009		<0.0005		<0.00001		<0.001		<1.0
EPL103	29 Nov 2025	<5	<1		<0.01	1.2	0.02	0.92	<0.005		<0.0002		<0.0002		0.0033		<0.002		<0.0001		0.0008		<0.0005		<0.00001		<0.001		<1.0

EPL104



EPL105

EPL68

EPL68																																				
Field ID	Date	TDS	Hardness (as CaCO3) (F)	Hardness (as CaCO3)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al	Al (F)	As	As (F)	Cr	Cr (F)	Cu	Cu (F)	Fe	Fe (F)	Pb	Pb (F)	Mn	Mn (F)	Ni	Ni (F)	Ag	Ag (F)	Zn	Zn (F)	Oil and Grease
EPL68	14 Jun 2025	<5	<1		0.03	0.7	0.03	0.68	0.219	<0.005	<0.0002	<0.0002	0.0002	<0.0002	0.0003	<0.0005	0.158	<0.002	<0.0002	<0.0001	0.0034	0.0028	0.0005	<0.0005	<0.00001	<0.00001	0.003	0.004	<1.0
EPL68	21 Jun 2025	<5	<1		<0.01	0.2	0.01	0.24	0.105	<0.005	<0.0002	<0.0002	0.0002	<0.0002	<0.0005	<0.0005	0.053	<0.002	<0.0002	<0.0001	0.0022	0.0025	<0.0005	<0.0005	<0.00001	<0.00001	0.003	0.003	<1.0
EPL68	28 Jun 2025	<5	<1		<0.01	0.8	<0.01	0.84	0.244	0.013	<0.0002	<0.0002	0.0015	0.0008	<0.0005	<0.0005	0.189	0.018	0.0001	<0.0001	0.0020	0.0024	0.0006	0.0006	<0.00001	<0.00001	0.005	0.002	<1.0
EPL68	05 Jul 2025	<5	<1		0.02	1.6	0.04	1.66	0.183	<0.005	<0.0002	<0.0002	0.0007	<0.0002	0.0005	<0.0005	0.127	0.003	<0.0001	<0.0001	0.0026	0.0046	0.0010	0.0006	<0.00001	<0.00001	0.004	0.003	<1.0
EPL68	19 Jul 2025	<5	2		<0.01	1.1	0.03	1.72	0.041	<0.005	<0.0002	<0.0002	0.0021	0.0004	0.0015	0.0006	0.018	<0.002	<0.0001	<0.0001	0.0039	0.0031	0.0006	0.0006	<0.00001	<0.00001	0.005	0.004	<1.0
EPL68	26 Jul 2025	<5	<1		0.02	2.2	0.02	1.53	0.059	0.018	<0.0002	<0.0002	0.0009	0.0006	0.0006	0.0006	0.056	0.012	0.0001	0.0002	0.0069	0.0040	0.0011	0.0010	<0.00001	<0.00001	0.002	0.007	<1.0
EPL68	02 Aug 2025	<5	7		0.06	2.1	<0.01	1.87	0.045	0.007	<0.0002	<0.0002	0.0020	<0.0002	0.0005	<0.0005	0.021	0.003	0.0002	0.0002	0.0058	0.0045	0.0007	0.0007	<0.00001	<0.00001	0.004	0.004	<1.0
EPL68	09 Aug 2025	<5	2		0.03	1.8	<0.01	1.78	0.081	<0.005	<0.0002	<0.0002	0.0003	<0.0002	0.0005	<0.0005	0.069	0.002	<0.0001	<0.0001	0.0078	0.0043	0.0008	0.0007	<0.00001	<0.00001	0.005	0.003	<1.0
EPL68	16 Aug 2025	<5	<1	<1	0.01	1.6	0.01	1.51	0.057	<0.005	<0.0002	<0.0002	0.0001	0.0004	<0.0005	<0.0005	0.063	0.004	<0.0001	<0.0001	0.0051	0.0035	0.0011	0.0007	<0.00001	<0.00001	0.002	0.003	<1.0
EPL68	23 Aug 2025	<5	<1		0.02	1.5	0.01	1.36	0.060	<0.005	<0.0002	<0.0002	0.0002	<0.0002	0.0009	<0.0005	0.054	<0.002	<0.0001	<0.0001	0.0038	0.0027	0.0008	<0.0005	<0.00001	<0.00001	0.002	0.002	<1.0
EPL68	06 Sep 2025	<5	7		0.02	2.5	<0.01	2.35	0.063	<0.005	<0.0002	<0.0002	0.0020	<0.0002	0.0014	0.0010	0.033	<0.002	0.0004	<0.0001	0.0048	0.0040	0.0008	0.0007	<0.00001	<0.00001	0.004	0.003	<1.0
EPL68	14 Sep 2025	<5	<1		0.01	1.7	0.01	1.52	0.051	<0.005	<0.0002	<0.0002	0.0003	<0.0002	0.0023	0.0010	0.047	<0.002	<0.0001	<0.0001	0.0050	0.0038	0.0007	0.0007	<0.00001	<0.00001	0.003	0.003	<1.0
EPL68	28 Sep 2025	<5	<1		<0.01	1.3	<0.01	1.46		<0.005		<0.0002		<0.0002		0.0013		0.002		<0.0001		0.0032		0.0006		<0.00001		0.003	<1.0
EPL68	01 Oct 2025	<5	<1		0.02	1.7	<0.01	1.62	0.210	<0.005	<0.0002	<0.0002	0.0007	<0.0002	0.0020	0.0010	0.047	<0.002	0.0002	<0.0001	0.0078	0.0032	0.0006	0.0006	<0.00001	<0.00001	0.004	0.002	<1.0
EPL68	11 Oct 2025	<5	<1		<0.01	1.3	0.02	1.27	0.074	<0.005	<0.0002	<0.0002	0.0002	<0.0002	0.0022	0.0010	0.055	0.002	<0.0001	<0.0001	0.0034	0.0039	0.0006	0.0005	<0.00001	<0.00001	0.003	0.003	<1.0
EPL68	18 Oct 2025	<5	<1		<0.01	1.3	<0.01	1.29	0.071	<0.005	<0.0002	<0.0002	<0.0002	0.0002	0.0016	0.0007	0.033	<0.002	<0.0001	<0.0001	0.0027	0.0019	0.0005	<0.0005	<0.00001	<0.00001	0.003	0.002	<1.0
EPL68	21 Oct 2025	<5	<1		<0.01	1.6	<0.01	1.36	0.057	<0.005	<0.0002	<0.0002	0.0002	<0.0002	0.0010	<0.0005	0.049	<0.002	<0.0001	<0.0001	0.0025	0.0014	0.0007	<0.0005	<0.00001	<0.00001	0.003	0.002	<1.0
EPL68	02 Nov 2025	12	<1		0.06	1.6	<0.01	1.26	0.104	<0.005	<0.0002	<0.0002	0.0012	<0.0002	0.0043	0.0012	0.175	<0.002	<0.0001	<0.0001	0.0046	0.0025	0.0008	0.0006	0.00002	<0.00001	0.004	0.003	<1.0
EPL68	09 Nov 2025	<5	<1		0.01	1.1	<0.01	1.13	0.051	<0.005	<0.0002	<0.0002	0.0003	0.0002	0.0029	0.0012	0.115	0.002	<0.0001	<0.0001	0.0041	0.0024	0.0007	<0.0005	<0.00001	<0.00001	0.004	0.002	<1.0
EPL68	15 Nov 2025	<5	<1		<0.01	0.2	<0.01	1.17	0.057	<0.005	<0.0002	<0.0002	0.0005	<0.0002	0.0030	0.0010	0.145	<0.002	<0.0001	<0.0001	0.0043	0.0021	0.0006	<0.0005	<0.00001	<0.00001	0.002	0.002	<1.0
EPL68	23 Nov 2025	<5	<1		<0.01	1.2	<0.01	1.05	0.059	<0.005	<0.0002	<0.0002	0.0003	<0.0002	0.0013	<0.0005	0.044	<0.002	<0.0001	<0.0001	0.0024	0.0018	0.0005	<0.0005	<0.00001	<0.00001	0.003	0.003	<1.0
EPL68	29 Nov 2025	<5	<1		<0.01	1.1	0.01	1.10	0.109	<0.005	<0.0002	<0.0002	0.0002	<0.0002	0.0017	0.0010	0.167	<0.002	<0.0001	<0.0001	0.0042	0.0022	0.0006	<0.0005	<0.00001	<0.00001	0.003	0.002	<1.0

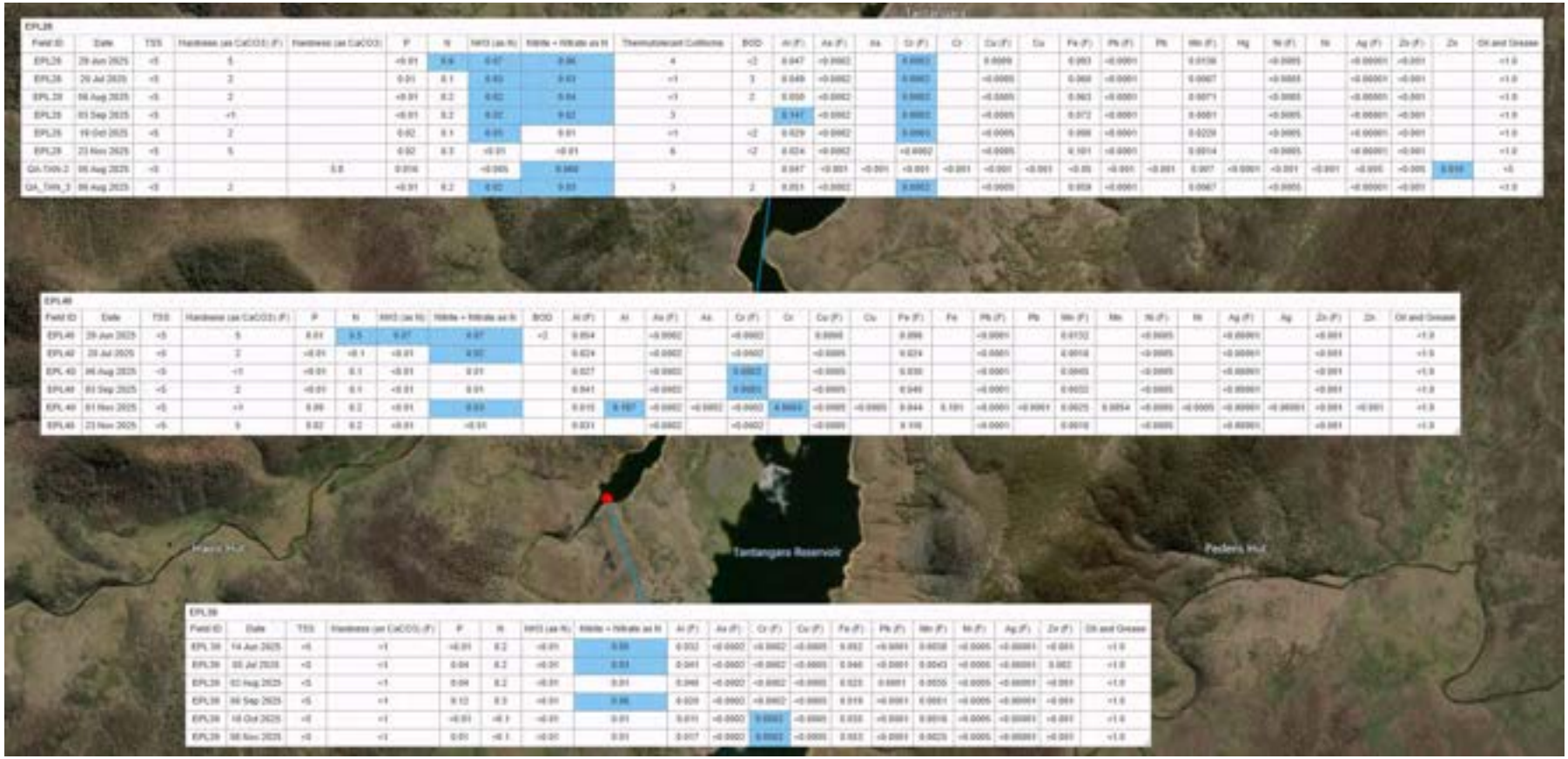
EPL69

EPL70

EPL70

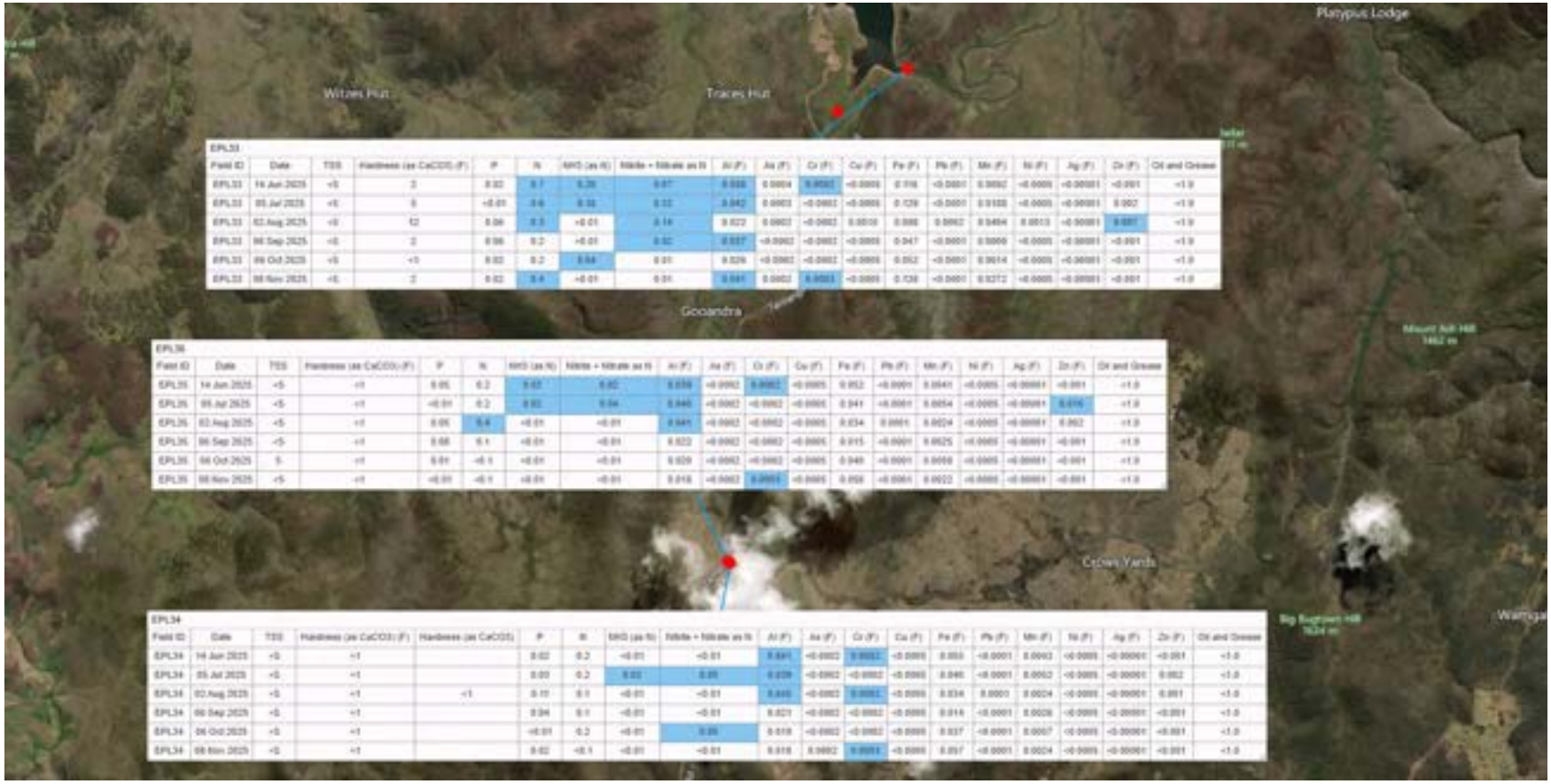
Field ID	Date	TDS	Hardness (as CaCO3) (F)	Hardness (as CaCO3)	P	N	NH3 (as N)	Nitrite + Nitrate as N	N	Al (F)	As	As (F)	Cr	Cr (F)	Cu	Cu (F)	Fe	Fe (F)	Pb	Pb (F)	Mn	Mn (F)	Ni	Ni (F)	Ag	Ag (F)	Zn	Zn (F)	Oil and Grease
EPL70	14 Jun 2025	54	28		0.02	0.9	0.08	0.74	2.23	<0.005	0.0000	<0.0002	0.0013	<0.0002	0.0039	0.0152	1.33	<0.002	0.0008	<0.0001	0.0176	0.0022	0.0006	<0.0005	<0.00001	<0.00001	0.004	<0.001	<1.0
EPL70	22 Jun 2025	156	26		0.06	1.6	<0.01	0.73	5.30	<0.005	0.0000	<0.0002	0.0034	<0.0002	0.017	0.0049	3.83	<0.002	0.0025	<0.0001	0.0044	0.0031	0.0024	<0.0005	<0.00001	<0.00001	0.012	0.005	<1.0
EPL70	28 Jun 2025	6	26		0.05	1.6	<0.01	0.56	5.246	<0.005	<0.0002	<0.0002	0.0022	<0.0002	0.0218	0.0183	0.246	<0.002	0.0002	<0.0001	0.0070	0.0014	<0.0005	<0.0005	<0.00001	<0.00001	<0.001	<0.001	<1.0
EPL70	05 Jul 2025	18	26		0.06	1.6	0.02	1.27	5.439	<0.005	<0.0002	<0.0002	0.0023	<0.0002	0.0294	0.0270	0.273	<0.002	0.0001	<0.0001	0.0092	0.0016	<0.0005	<0.0005	<0.00001	<0.00001	0.001	<0.001	<1.0
EPL70	13 Jul 2025	93	28	26	0.04	1.6	<0.01	1.05	5.84	<0.005	0.0000	<0.0002	0.0013	<0.0002	0.0047	0.0144	1.14	<0.002	0.0010	<0.0001	0.0179	0.0038	0.0023	<0.0005	<0.00001	<0.00001	0.003	<0.001	<1.0
EPL70	18 Jul 2025	87	22		0.07	1.6	<0.01	1.01	5.58	<0.005	0.0004	<0.0002	0.0024	<0.0002	0.445	0.292	2.58	<0.002	0.0014	<0.0001	0.0153	0.0053	0.0042	0.0023	<0.00001	<0.00001	0.007	0.001	<1.0
EPL70	28 Jul 2025	33	20		0.04	0.9	0.01	0.76	1.28	<0.005	<0.0002	<0.0002	0.0011	0.0003	0.171	0.0536	0.890	<0.002	0.0005	0.0002	0.0176	0.0018	0.0025	0.0013	<0.00001	<0.00001	0.003	0.004	<1.0
EPL70	02 Aug 2025	70	7		0.10	0.2	<0.01	0.19	1.31	0.011	0.0002	<0.0002	0.0010	0.0003	0.0443	0.0063	1.63	<0.002	0.0009	0.0001	0.0282	0.0035	0.0013	0.0011	<0.00001	<0.00001	0.008	0.004	<1.0
EPL70	09 Aug 2025	18	13		0.02	0.5	<0.01	0.31	0.440	<0.005	<0.0002	<0.0001	0.0004	0.0003	0.0193	0.0055	0.284	<0.002	0.0002	<0.0001	0.0085	0.0021	0.0011	0.0007	<0.00001	<0.00001	0.004	0.003	<1.0
EPL70	16 Aug 2025	<5	28	28	0.04	1.1	0.02	1.02	0.910	<0.005	<0.0002	<0.0002	0.0020	0.0004	0.0060	0.0030	0.306	<0.002	0.0002	<0.0001	0.0077	0.0019	0.0010	0.0006	<0.00001	<0.00001	0.003	0.002	<1.0
EPL70	23 Aug 2025	6	26		0.01	1.1	<0.01	1.10	0.918	<0.005	<0.0002	<0.0002	0.0005	<0.0002	0.168	0.0754	0.318	0.005	0.0002	<0.0001	0.0091	0.0015	0.0009	0.0005	<0.00001	<0.00001	<0.001	<0.001	<1.0
EPL70	06 Sep 2025	<5	7		0.05	0.2	<0.01	0.19	0.202	<0.005	<0.0002	<0.0002	0.0006	0.0002	0.0245	0.0187	0.186	<0.002	0.0001	<0.0001	0.0050	0.0021	0.0005	<0.0005	<0.00001	<0.00001	0.003	0.002	<1.0
EPL70	14 Sep 2025	74	13		0.05	1.6	0.01	0.69	2.64	<0.005	0.0004	<0.0002	0.0027	<0.0002	0.0074	0.0456	2.33	<0.002	0.0015	<0.0001	0.0048	0.0023	0.0184	<0.0005	<0.00001	<0.00001	0.006	0.002	<1.0
EPL70	29 Sep 2025	8	17		0.02	0.7	<0.01	0.56	0.321	<0.005	<0.0002	<0.0002	0.0004	0.0002	0.0118	0.0058	0.119	<0.002	<0.0001	<0.0001	0.0040	0.0010	<0.0005	<0.0005	<0.00001	<0.00001	0.003	0.004	<1.0
EPL70	05 Sep 2025	229	24		0.19	1.1	0.01	0.88		<0.005		<0.0002		<0.0002		0.227		<0.002		<0.0001		0.0041		<0.0005		<0.00001		0.002	<1.0
EPL70	01 Oct 2025	8	31		0.06	0.9	<0.01	0.49	0.883	<0.005	<0.0002	<0.0002	0.0008	0.0003	0.0180	0.0122	0.305	<0.002	0.0001	<0.0001	0.0068	0.0018	0.0009	<0.0005	<0.00001	<0.00001	0.005	0.003	<1.0
EPL70	10 Oct 2025	8	26		0.10	1.0	0.03	0.69	1.31	<0.005	0.0002	<0.0002	0.0011	0.0002	0.140	0.0259	0.992	<0.002	0.0006	<0.0001	0.0234	0.0016	0.0006	<0.0005	<0.00001	<0.00001	0.003	0.001	<1.0
EPL70	16 Oct 2025	18	13		0.01	0.8	<0.01	0.24	0.397	<0.005	<0.0002	<0.0002	0.0003	0.0004	0.0242	0.0141	0.219	<0.002	<0.0001	<0.0001	0.0058	0.0014	<0.0005	<0.0005	<0.00001	<0.00001	0.004	0.001	<1.0
EPL70	21 Oct 2025	113	7		0.03	0.7	0.02	0.74	0.48	<0.005	0.0006	<0.0002	0.0031	<0.0002	0.250	0.0464	2.64	<0.002	0.0017	<0.0001	0.0117	0.0024	0.0027	<0.0005	<0.00001	<0.00001	0.005	0.001	<1.0
EPL70	02 Nov 2025	11	24		0.04	1.1	<0.01	0.61	0.527	<0.005	<0.0002	<0.0002	0.0005	<0.0002	0.0048	0.0029	0.319	<0.002	0.0002	<0.0001	0.0087	0.0018	<0.0005	<0.0005	<0.00001	<0.00001	0.002	<0.001	<1.0
EPL70	09 Nov 2025	12	24		0.03	0.9	<0.01	0.62	0.507	<0.005	<0.0002	<0.0002	0.0006	0.0003	0.0230	0.0141	0.353	<0.002	0.0003	<0.0001	0.0112	0.0016	<0.0005	<0.0005	<0.00001	<0.00001	0.003	0.001	<1.0
EPL70	16 Nov 2025	66	24		0.02	0.9	0.02	0.72	0.62	<0.005	0.0006	<0.0002	0.0027	<0.0002	0.144	0.0079	2.71	<0.002	0.0010	<0.0001	0.0016	0.0022	0.0013	<0.0005	<0.00001	<0.00001	0.005	<0.001	<1.0
EPL70	23 Nov 2025	21	20		0.06	1.0	<0.01	0.79	1.01	<0.005	<0.0002	<0.0002	0.0008	<0.0002	0.0034	0.0193	0.356	<0.002	0.0003	<0.0001	0.0148	0.0011	0.0005	<0.0005	<0.00001	<0.00001	0.003	<0.001	<1.0
EPL70	28 Nov 2025	47	11		0.06	1.0	0.03	0.79	1.62	<0.005	0.0003	<0.0002	0.0013	<0.0002	0.0148	0.0021	1.10	<0.002	0.0007	<0.0001	0.0334	0.0023	0.0012	<0.0005	<0.00001	<0.00001	0.007	0.002	<1.0

EPL28, EPL39, EPL40



EPL29, EPL32, EPL38, EPL46, EPL51

EPL33, EPL34, EPL35



EPL33

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL33	14 Jun 2025	<5	2	0.02	0.7	0.29	0.67	0.033	0.0004	0.0022	<0.0005	0.116	<0.0001	0.0002	<0.0005	<0.00001	<0.001	<1.0
EPL33	05 Jul 2025	<5	5	<0.01	0.6	0.33	0.12	0.042	0.0003	<0.0002	<0.0005	0.129	<0.0001	0.0103	<0.0005	<0.00001	0.002	<1.0
EPL33	02 Aug 2025	<5	12	0.04	0.3	<0.01	0.14	0.023	0.0002	<0.0002	0.0010	0.086	0.0002	0.0494	0.0013	<0.00001	0.001	<1.0
EPL33	06 Sep 2025	<5	2	0.06	0.2	<0.01	0.02	0.017	<0.0002	<0.0002	<0.0005	0.047	<0.0001	0.0009	<0.0005	<0.00001	<0.001	<1.0
EPL33	09 Oct 2025	<5	<1	0.02	0.2	0.04	0.01	0.029	<0.0002	<0.0002	<0.0005	0.052	<0.0001	0.0014	<0.0005	<0.00001	<0.001	<1.0
EPL33	08 Nov 2025	<5	2	0.02	0.4	<0.01	0.01	0.041	0.0002	0.0003	<0.0005	0.138	<0.0001	0.0272	<0.0005	<0.00001	<0.001	<1.0

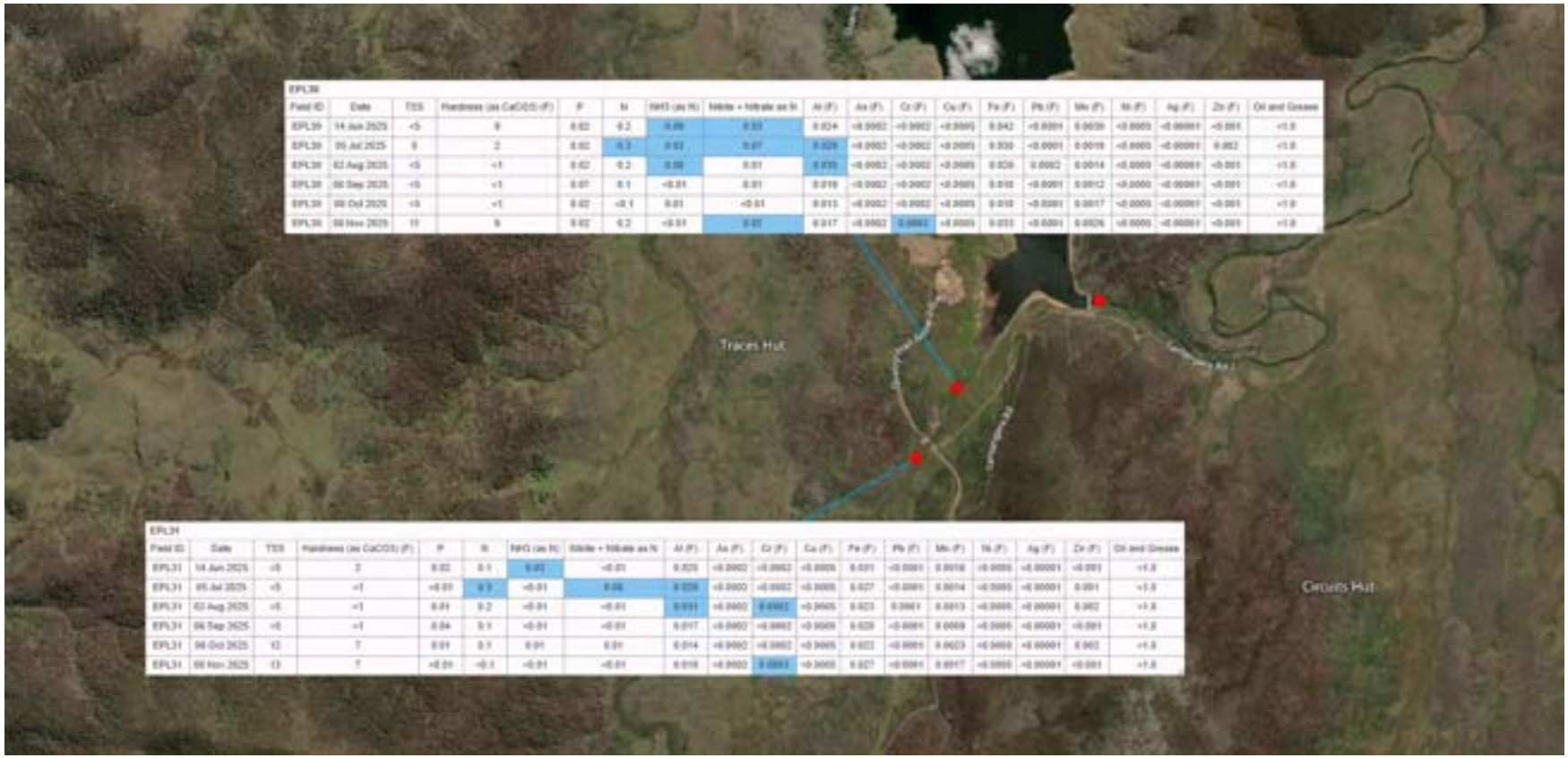
EPL35

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL35	14 Jun 2025	<5	<1	0.05	0.2	0.02	0.02	0.039	<0.0002	0.0002	<0.0005	0.053	<0.0001	0.0041	<0.0005	<0.00001	<0.001	<1.0
EPL35	05 Jul 2025	<5	<1	<0.01	0.2	0.02	0.04	0.040	<0.0002	<0.0002	<0.0005	0.041	<0.0001	0.0054	<0.0005	<0.00001	0.016	<1.0
EPL35	02 Aug 2025	<5	<1	0.05	0.4	<0.01	<0.01	0.041	<0.0002	<0.0002	<0.0005	0.034	0.0001	0.0024	<0.0005	<0.00001	0.002	<1.0
EPL35	06 Sep 2025	<5	<1	0.08	0.1	<0.01	<0.01	0.022	<0.0002	<0.0002	<0.0005	0.015	<0.0001	0.0025	<0.0005	<0.00001	<0.001	<1.0
EPL35	09 Oct 2025	5	<1	0.01	<0.1	<0.01	<0.01	0.029	<0.0002	<0.0002	<0.0005	0.040	<0.0001	0.0058	<0.0005	<0.00001	<0.001	<1.0
EPL35	08 Nov 2025	<5	<1	<0.01	<0.1	<0.01	<0.01	0.018	<0.0002	0.0003	<0.0005	0.056	<0.0001	0.0022	<0.0005	<0.00001	<0.001	<1.0

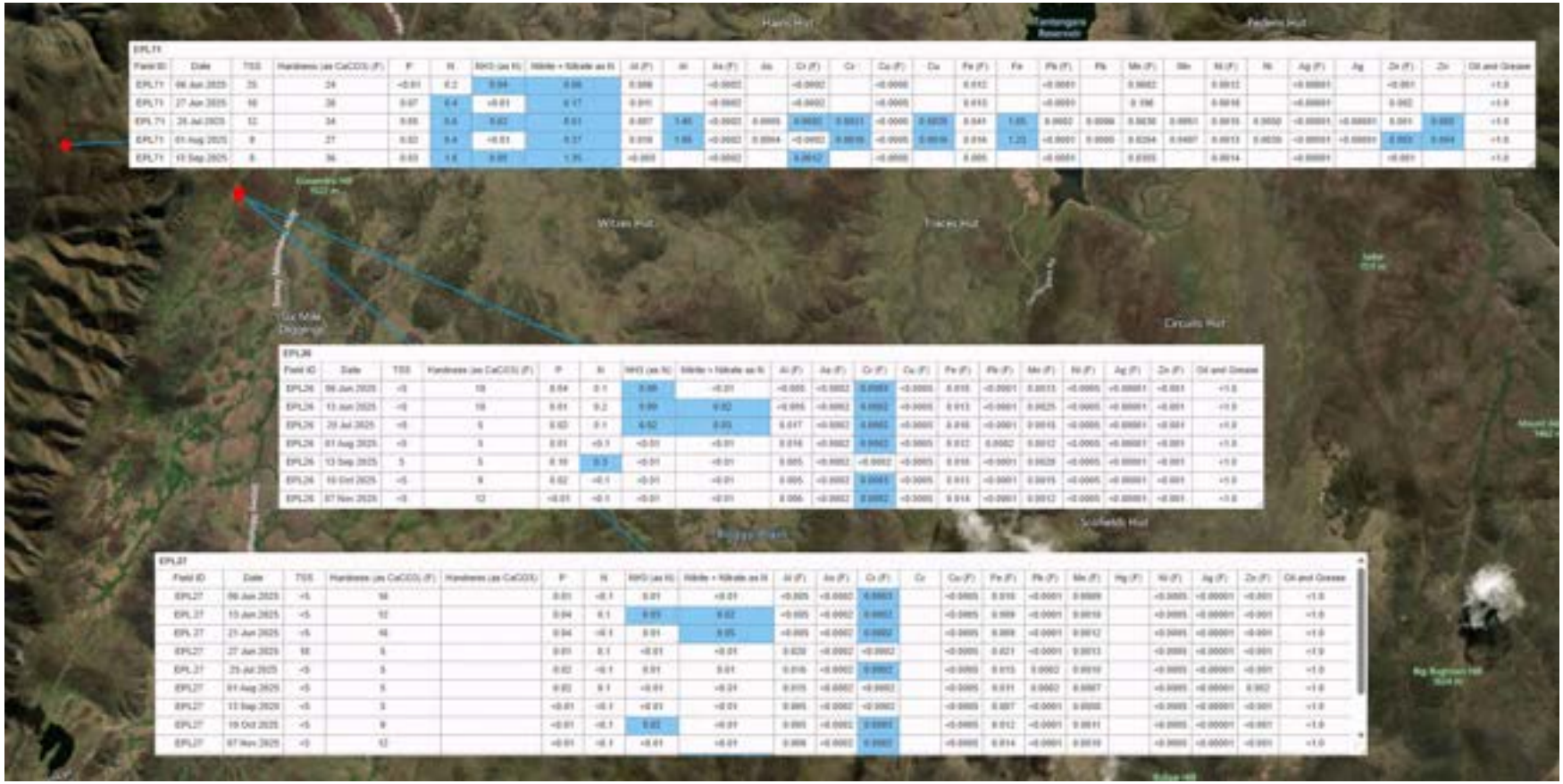
EPL34

Field ID	Date	TSS	Hardness (as CaCO3) (F)	Hardness (as CaCO3)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL34	14 Jun 2025	<5	<1		0.02	0.2	<0.01	<0.01	0.041	<0.0002	0.0011	<0.0005	0.053	<0.0001	0.0003	<0.0005	<0.00001	<0.001	<1.0
EPL34	05 Jul 2025	<5	<1		0.03	0.2	0.02	0.05	0.039	<0.0002	<0.0002	<0.0005	0.046	<0.0001	0.0002	<0.0005	<0.00001	0.002	<1.0
EPL34	02 Aug 2025	<5	<1	<1	0.11	0.1	<0.01	<0.01	0.040	<0.0002	0.0001	<0.0005	0.034	0.0001	0.0024	<0.0005	<0.00001	0.001	<1.0
EPL34	06 Sep 2025	<5	<1		0.04	0.1	<0.01	<0.01	0.021	<0.0002	<0.0002	<0.0005	0.014	<0.0001	0.0026	<0.0005	<0.00001	<0.001	<1.0
EPL34	09 Oct 2025	<5	<1		<0.01	0.2	<0.01	0.05	0.018	<0.0002	<0.0002	<0.0005	0.037	<0.0001	0.0007	<0.0005	<0.00001	<0.001	<1.0
EPL34	08 Nov 2025	<5	<1		0.02	<0.1	<0.01	<0.01	0.018	0.0002	0.0011	<0.0005	0.057	<0.0001	0.0024	<0.0005	<0.00001	<0.001	<1.0

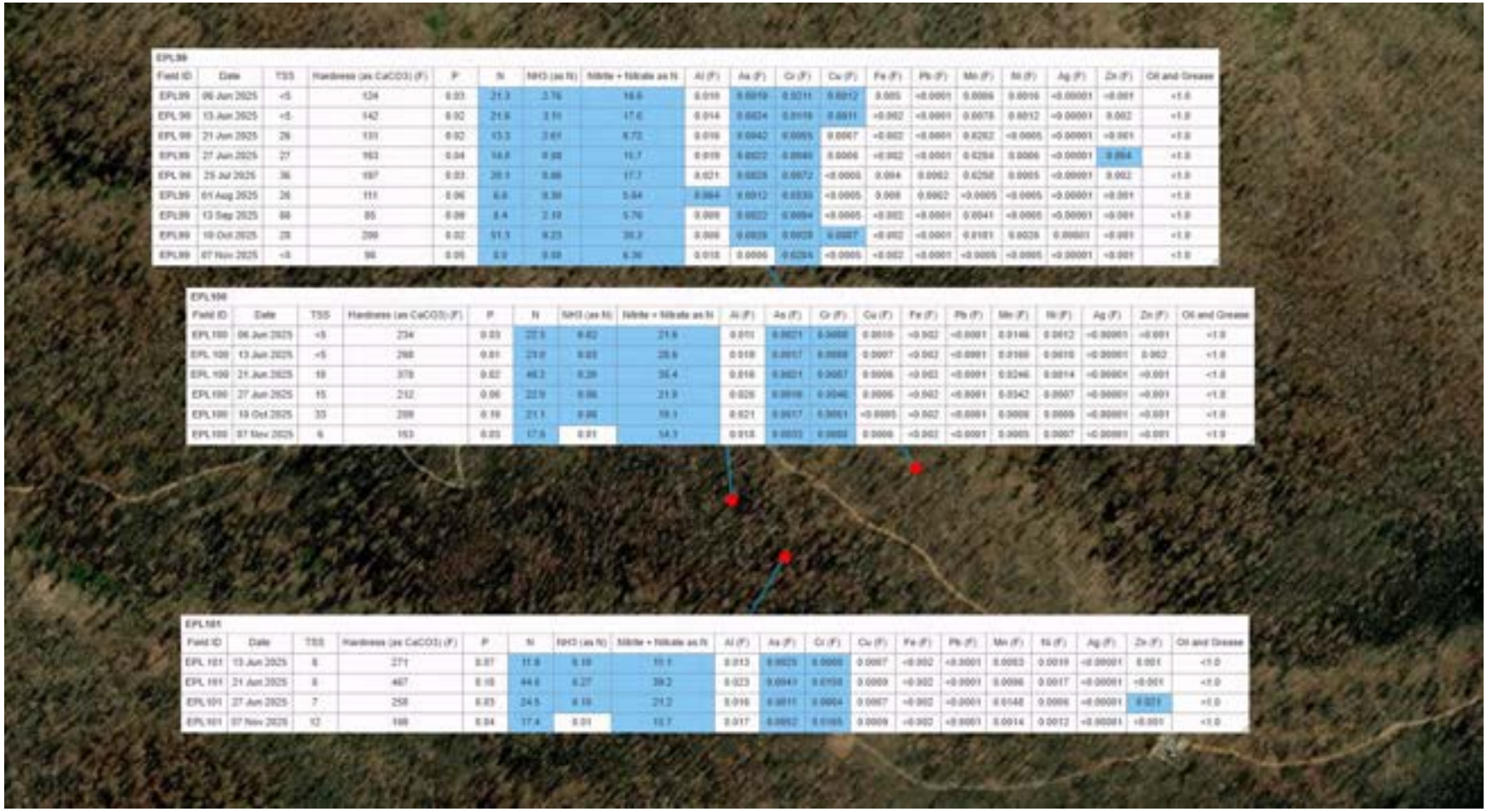
EPL30, EPL31



EPL26, EPL27, EPL71



EPL99, EPL100, EPL101



EPL99

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL99	06 Jun 2025	<5	124	0.03	21.3	3.76	16.6	0.019	0.0019	0.0011	0.0012	0.005	<0.0001	0.0006	0.0016	<0.00001	<0.001	<1.0
EPL 99	13 Jun 2025	<5	142	0.02	21.6	3.11	17.6	0.014	0.0024	0.0016	0.0011	<0.002	<0.0001	0.0078	0.0012	<0.00001	0.002	<1.0
EPL 99	21 Jun 2025	26	131	0.02	15.3	2.61	9.72	0.016	0.0042	0.0005	0.0007	<0.002	<0.0001	0.4282	<0.0005	<0.00001	<0.001	<1.0
EPL99	27 Jun 2025	27	163	0.04	14.8	0.08	10.7	0.019	0.0022	0.0040	0.0006	<0.002	<0.0001	0.6294	0.0006	<0.00001	0.004	<1.0
EPL 99	25 Jul 2025	36	197	0.03	20.1	0.66	17.1	0.021	0.0029	0.0072	<0.0005	0.004	0.0062	0.6258	0.0005	<0.00001	0.002	<1.0
EPL99	01 Aug 2025	26	111	0.06	6.6	0.39	5.64	0.004	0.0012	0.0030	<0.0005	0.008	0.0062	<0.0005	<0.0005	<0.00001	<0.001	<1.0
EPL99	13 Sep 2025	66	85	0.09	8.4	2.19	5.76	0.009	0.0022	0.0094	<0.0005	<0.002	<0.0001	0.0041	<0.0005	<0.00001	<0.001	<1.0
EPL99	10 Oct 2025	28	299	0.02	51.3	9.23	39.3	0.006	0.0039	0.0029	0.0007	<0.002	<0.0001	0.0181	0.0026	0.00001	<0.001	<1.0
EPL99	07 Nov 2025	<5	98	0.05	8.9	0.58	6.36	0.018	0.0006	0.0294	<0.0005	<0.002	<0.0001	<0.0005	<0.0005	<0.00001	<0.001	<1.0

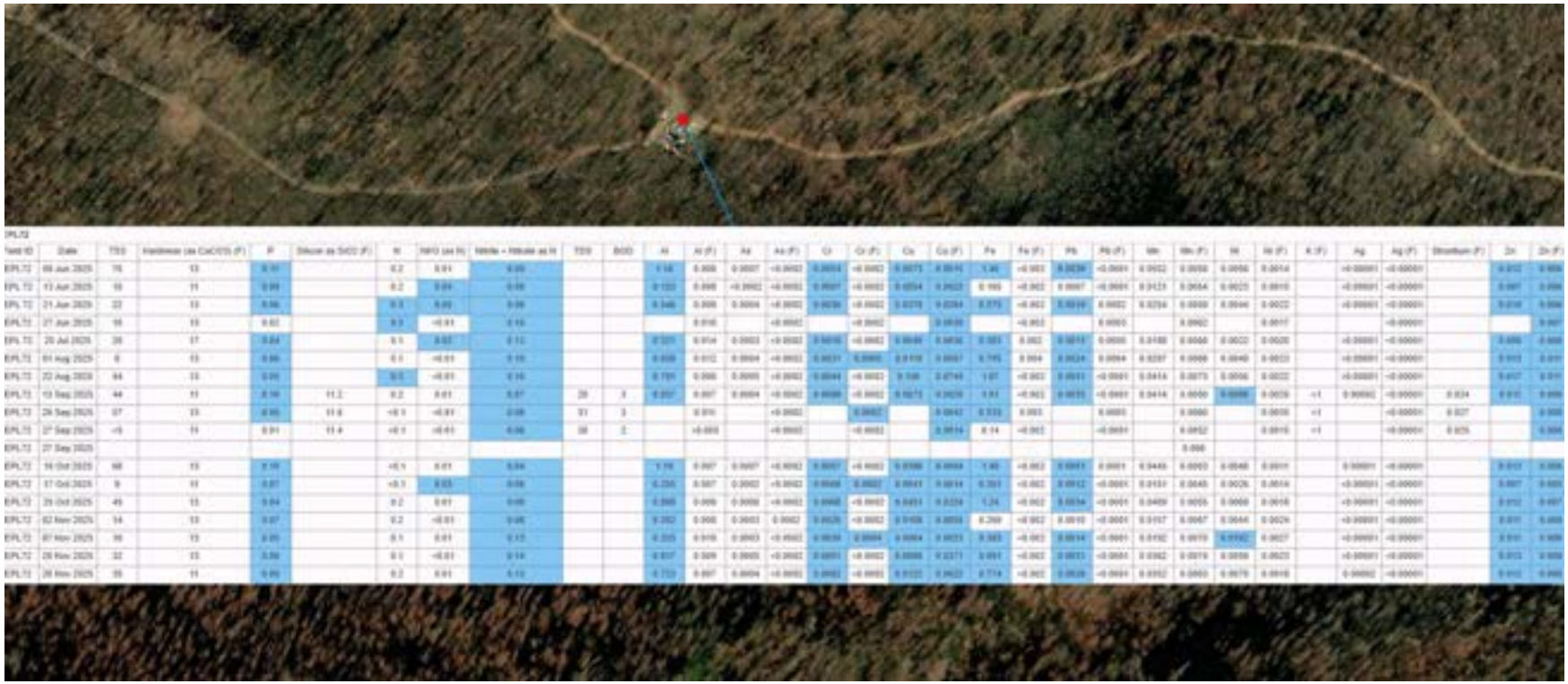
EPL100

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL 100	06 Jun 2025	<5	234	0.03	22.5	0.62	21.6	0.011	0.0021	0.0008	0.0010	<0.002	<0.0001	0.0146	0.0012	<0.00001	<0.001	<1.0
EPL 100	13 Jun 2025	<5	268	0.01	23.0	0.03	20.9	0.018	0.0017	0.0008	0.0007	<0.002	<0.0001	0.0160	0.0010	<0.00001	0.002	<1.0
EPL 100	21 Jun 2025	19	378	0.02	46.2	0.29	35.4	0.016	0.0021	0.0007	0.0006	<0.002	<0.0001	0.0246	0.0014	<0.00001	<0.001	<1.0
EPL100	27 Jun 2025	15	212	0.06	22.9	0.06	21.9	0.029	0.0018	0.0046	0.0005	<0.002	<0.0001	0.0342	0.0007	<0.00001	<0.001	<1.0
EPL100	10 Oct 2025	33	299	0.19	21.1	0.06	19.1	0.021	0.0017	0.0051	<0.0005	<0.002	<0.0001	0.0008	0.0009	<0.00001	<0.001	<1.0
EPL100	07 Nov 2025	6	163	0.03	17.6	0.01	14.3	0.018	0.0033	0.0002	0.0006	<0.002	<0.0001	0.0003	0.0007	<0.00001	<0.001	<1.0

EPL101

Field ID	Date	TSS	Hardness (as CaCO3) (F)	P	N	NH3 (as N)	Nitrite + Nitrate as N	Al (F)	As (F)	Cr (F)	Cu (F)	Fe (F)	Pb (F)	Mn (F)	Ni (F)	Ag (F)	Zn (F)	Oil and Grease
EPL 101	13 Jun 2025	8	271	0.07	11.8	0.10	10.1	0.013	0.0025	0.0005	0.0007	<0.002	<0.0001	0.0053	0.0019	<0.00001	0.001	<1.0
EPL 101	21 Jun 2025	8	467	0.10	44.6	0.27	39.2	0.023	0.0041	0.0150	0.0009	<0.002	<0.0001	0.0096	0.0017	<0.00001	<0.001	<1.0
EPL101	27 Jun 2025	7	258	0.03	24.5	0.10	21.2	0.016	0.0011	0.0004	0.0007	<0.002	<0.0001	0.0148	0.0006	<0.00001	0.021	<1.0
EPL101	07 Nov 2025	12	168	0.04	17.4	0.01	13.7	0.017	0.0052	0.0165	0.0009	<0.002	<0.0001	0.0014	0.0012	<0.00001	<0.001	<1.0

EPL72

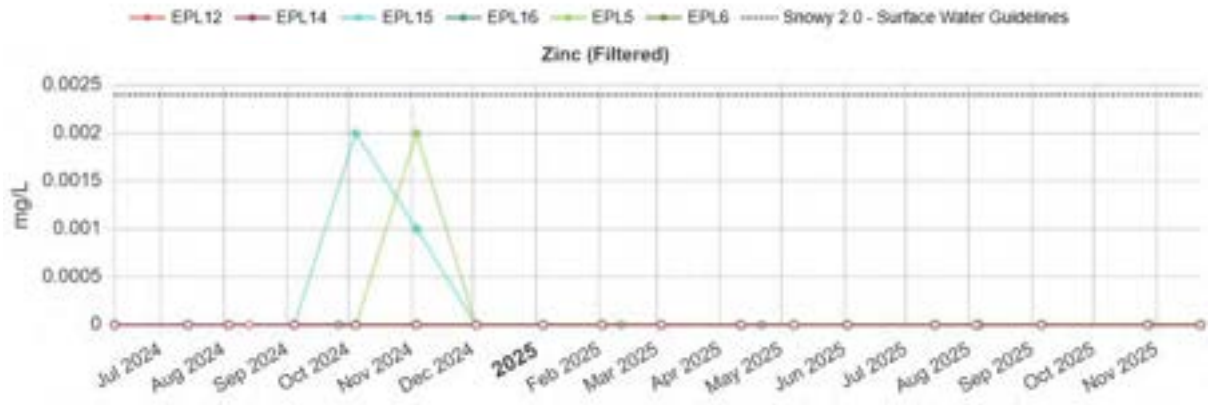


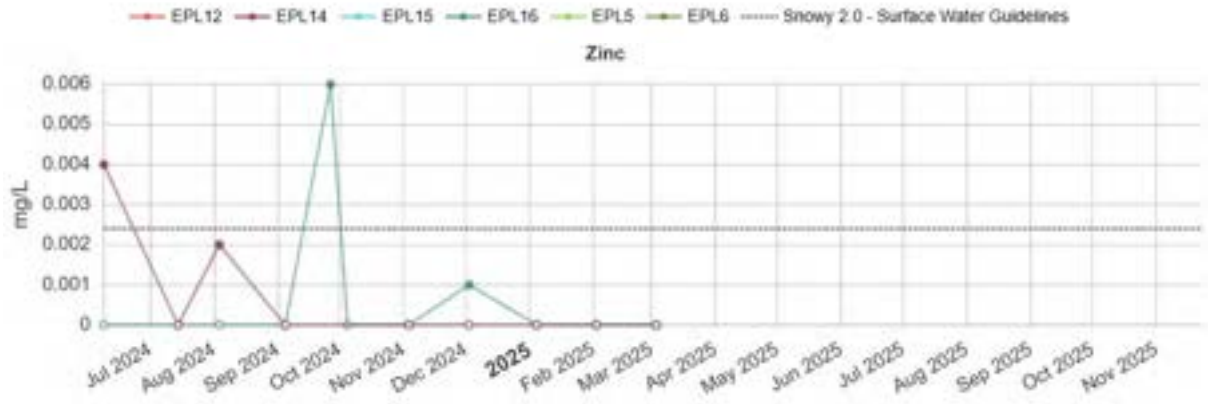
APPENDIX D – TREND ANALYSIS GRAPHS

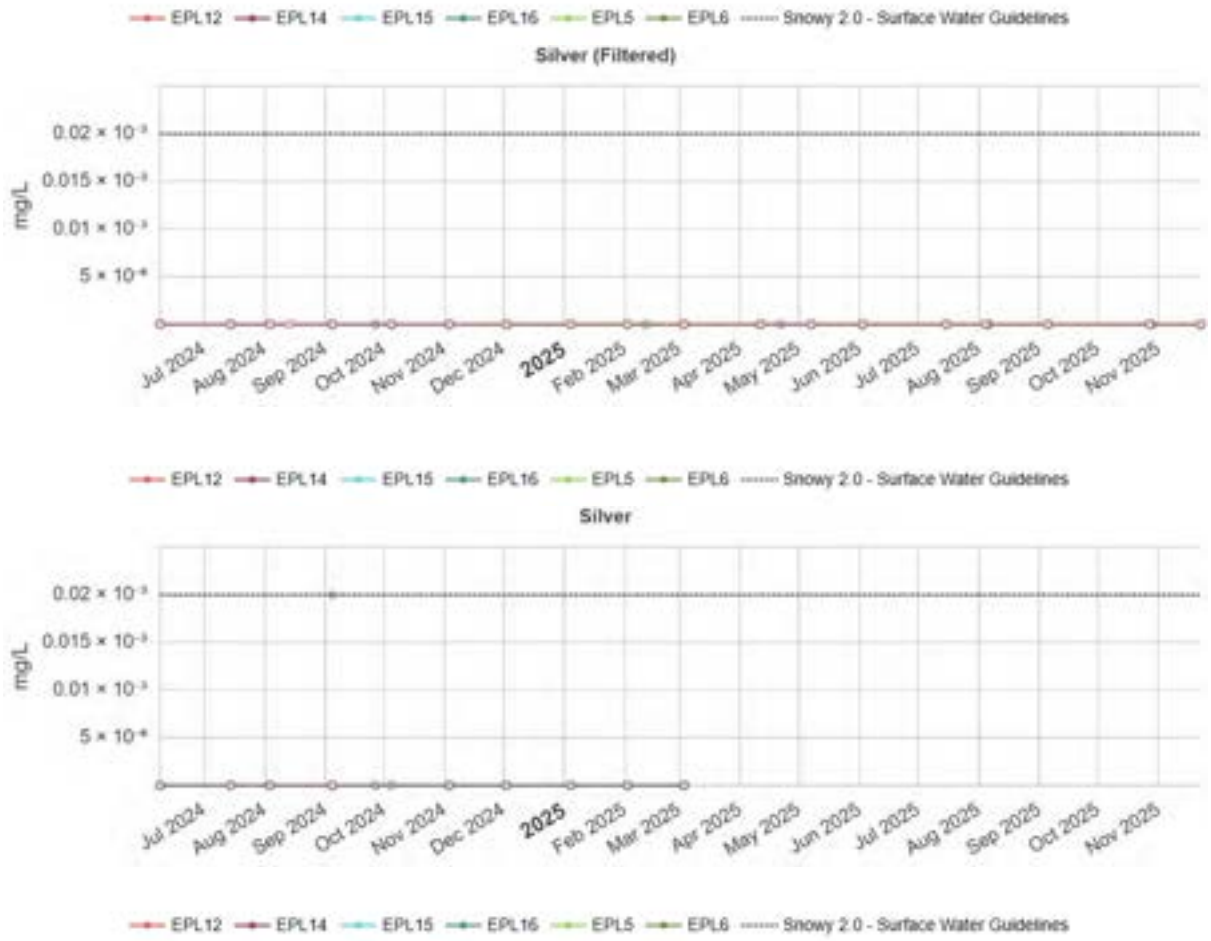
Lobs Hole

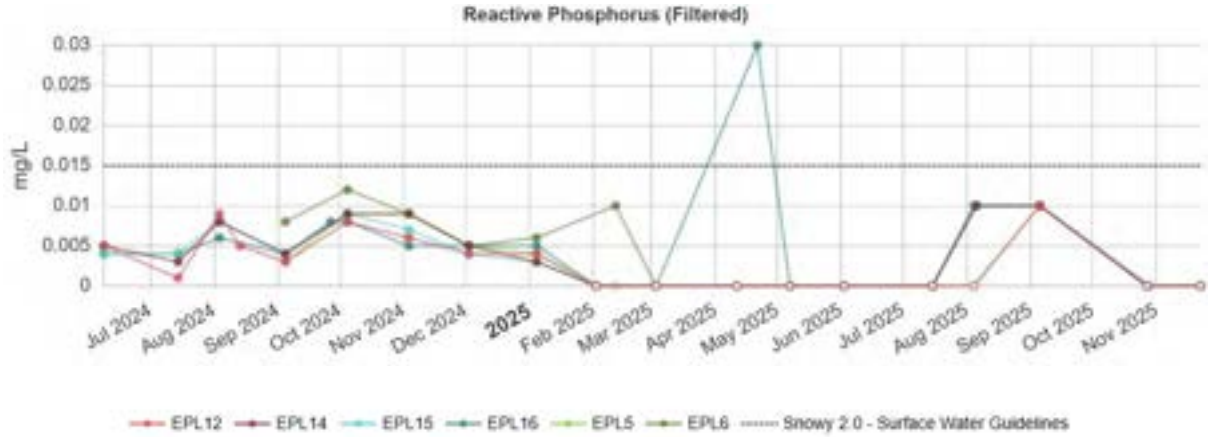
Surface Water

Yarrangobilly and Wallace Creek






EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines
Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines
Silver
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines


Reactive Phosphorus (Filtered)
mg/L
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
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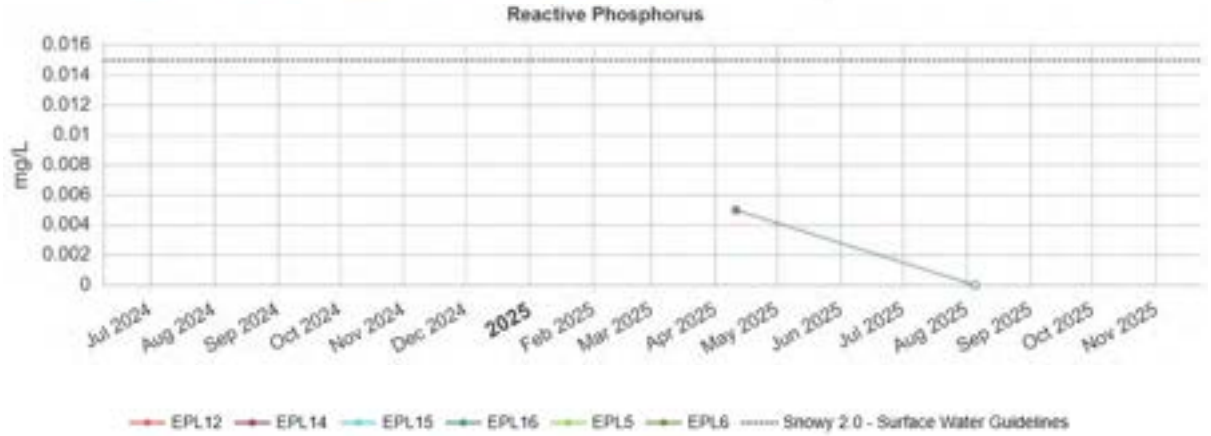
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines


Reactive Phosphorus
mg/L
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
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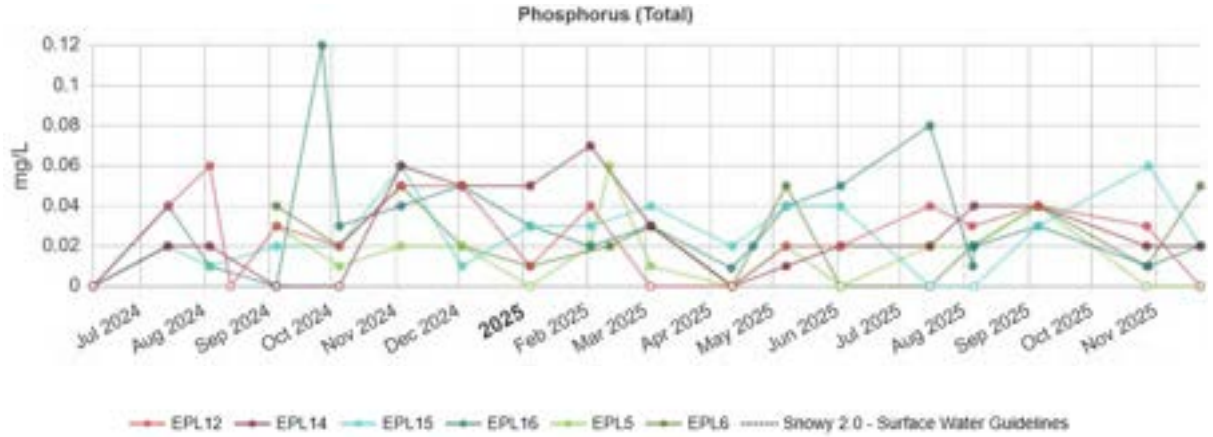
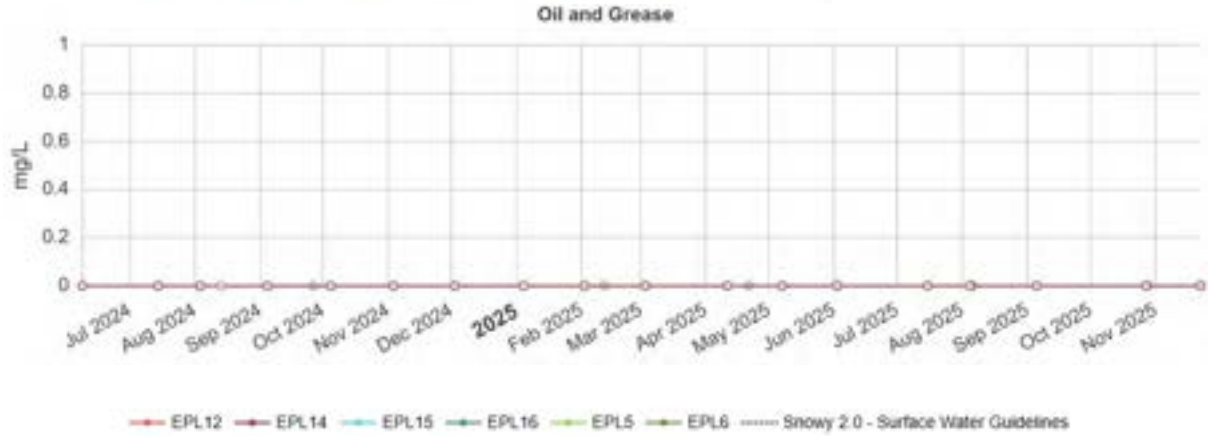
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines


Phosphorus (Total)
mg/L
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines


Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
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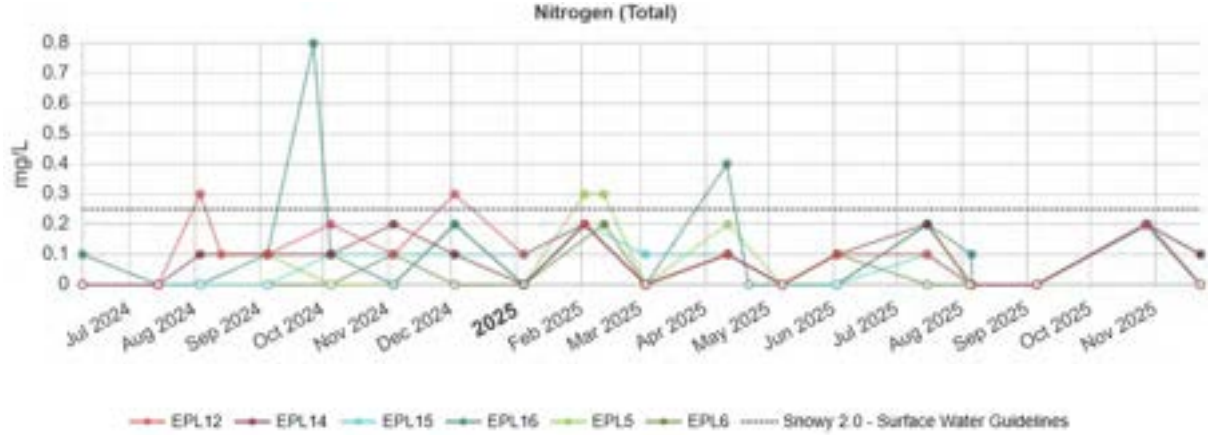
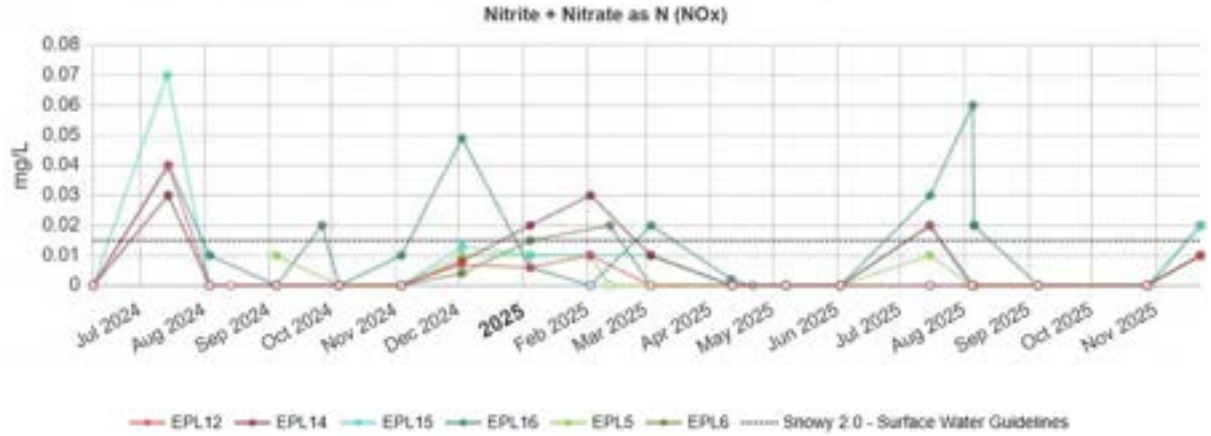
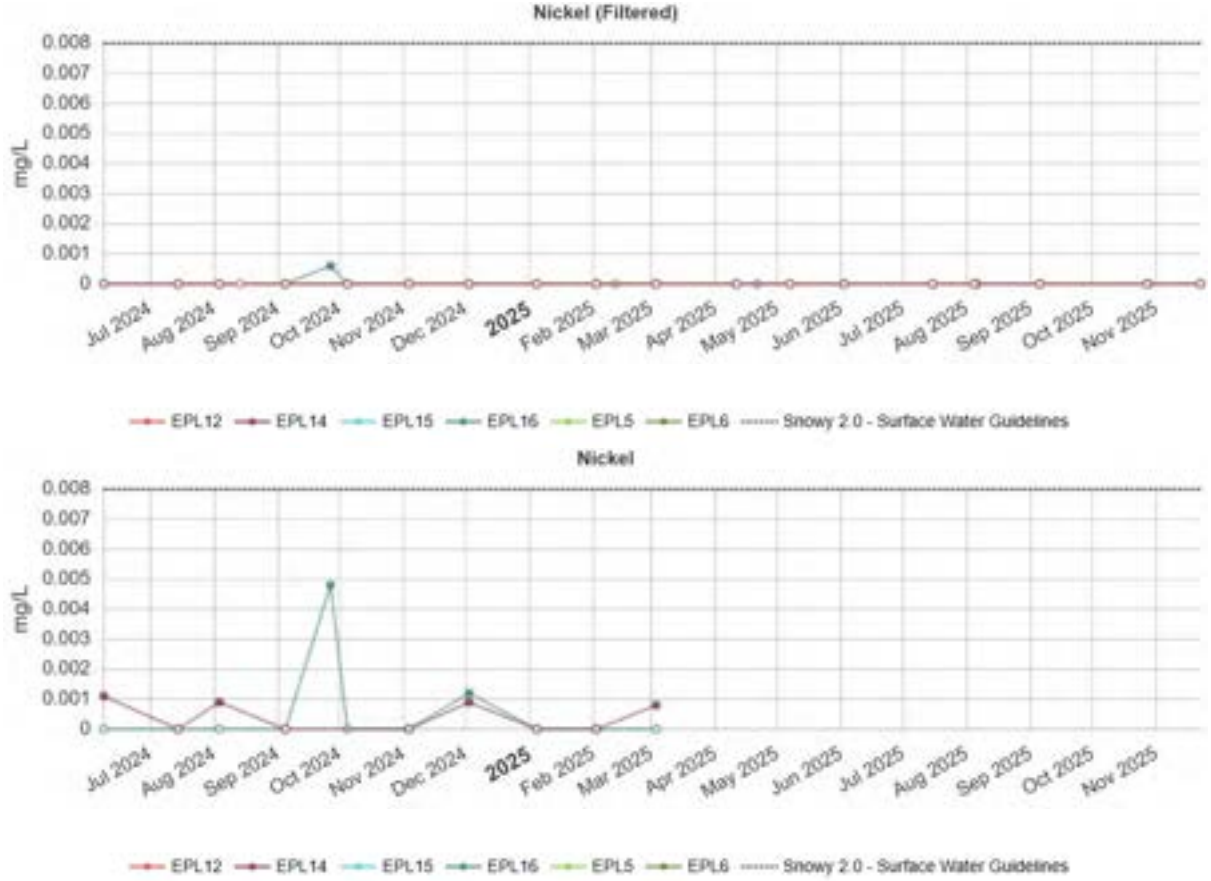
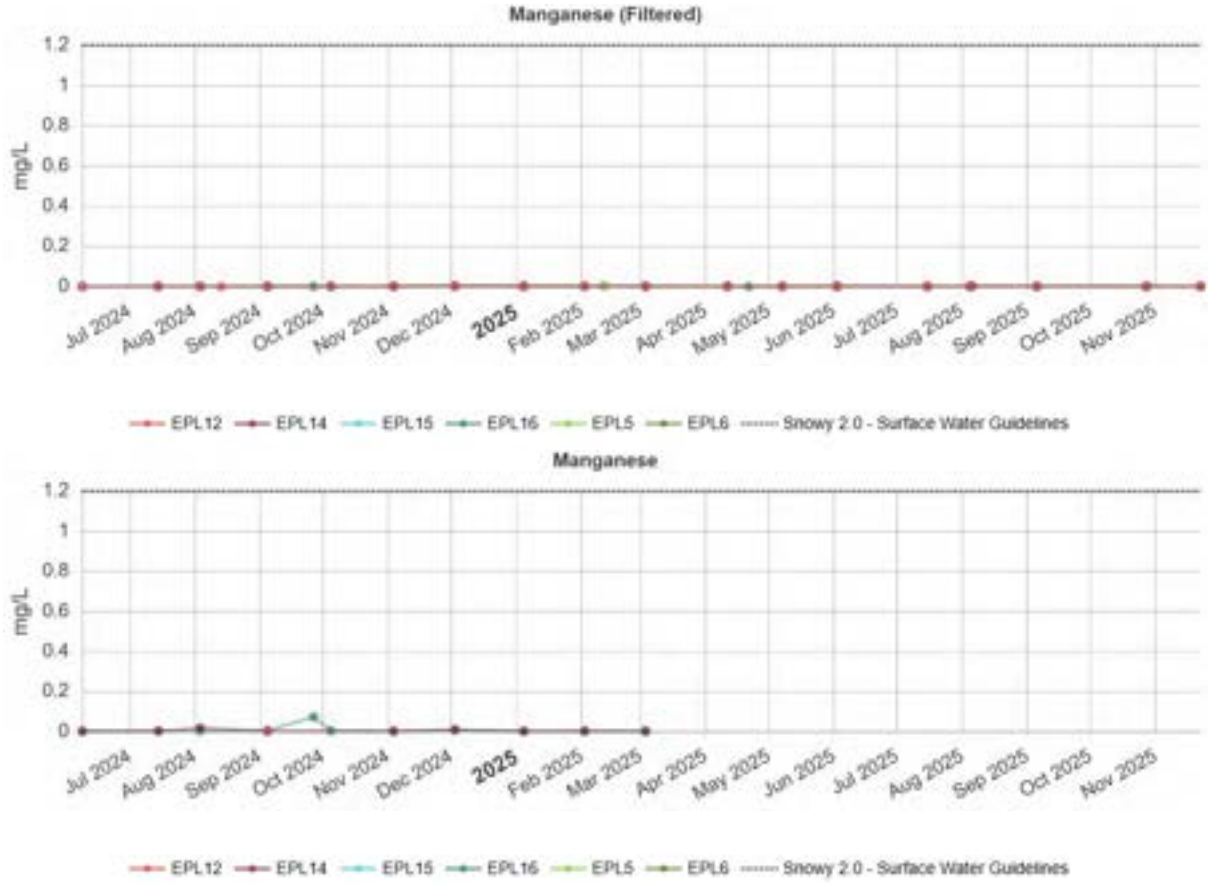
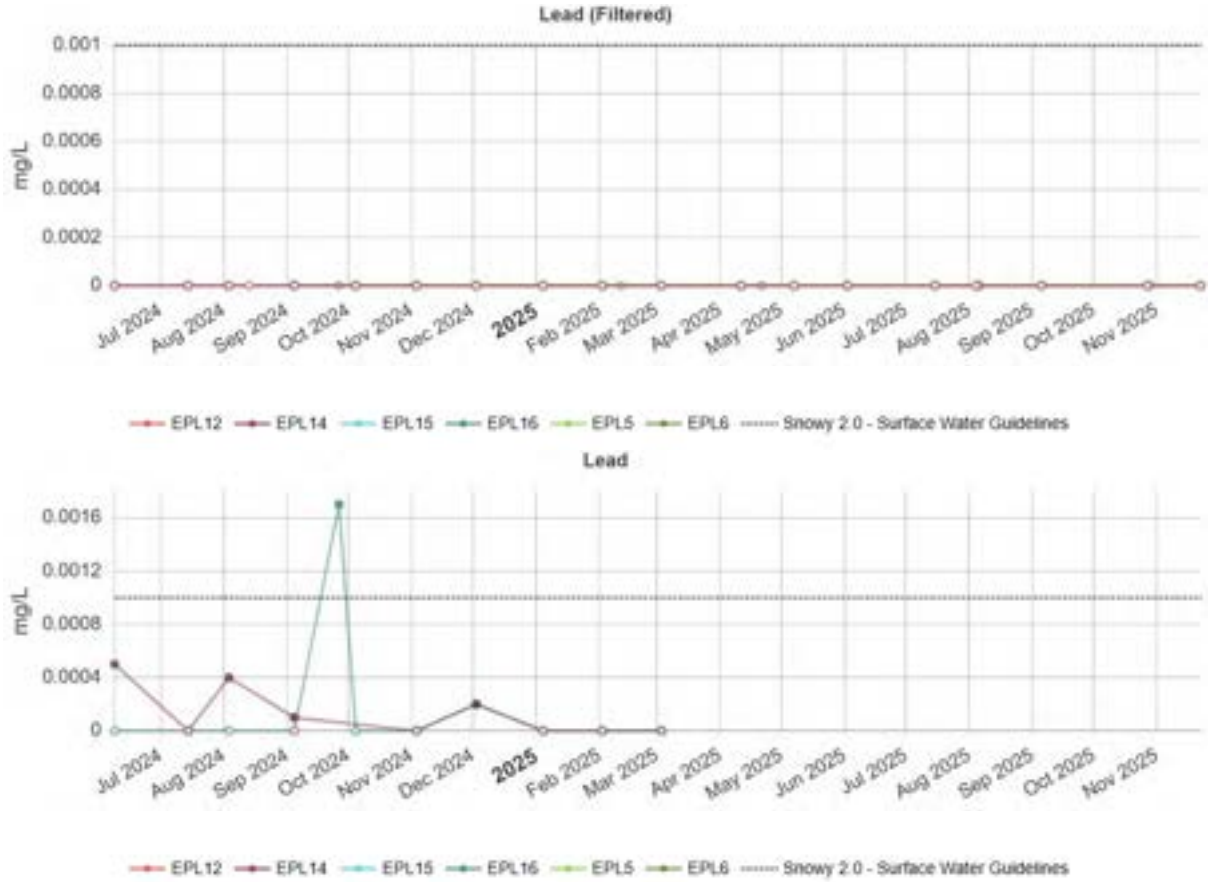
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines

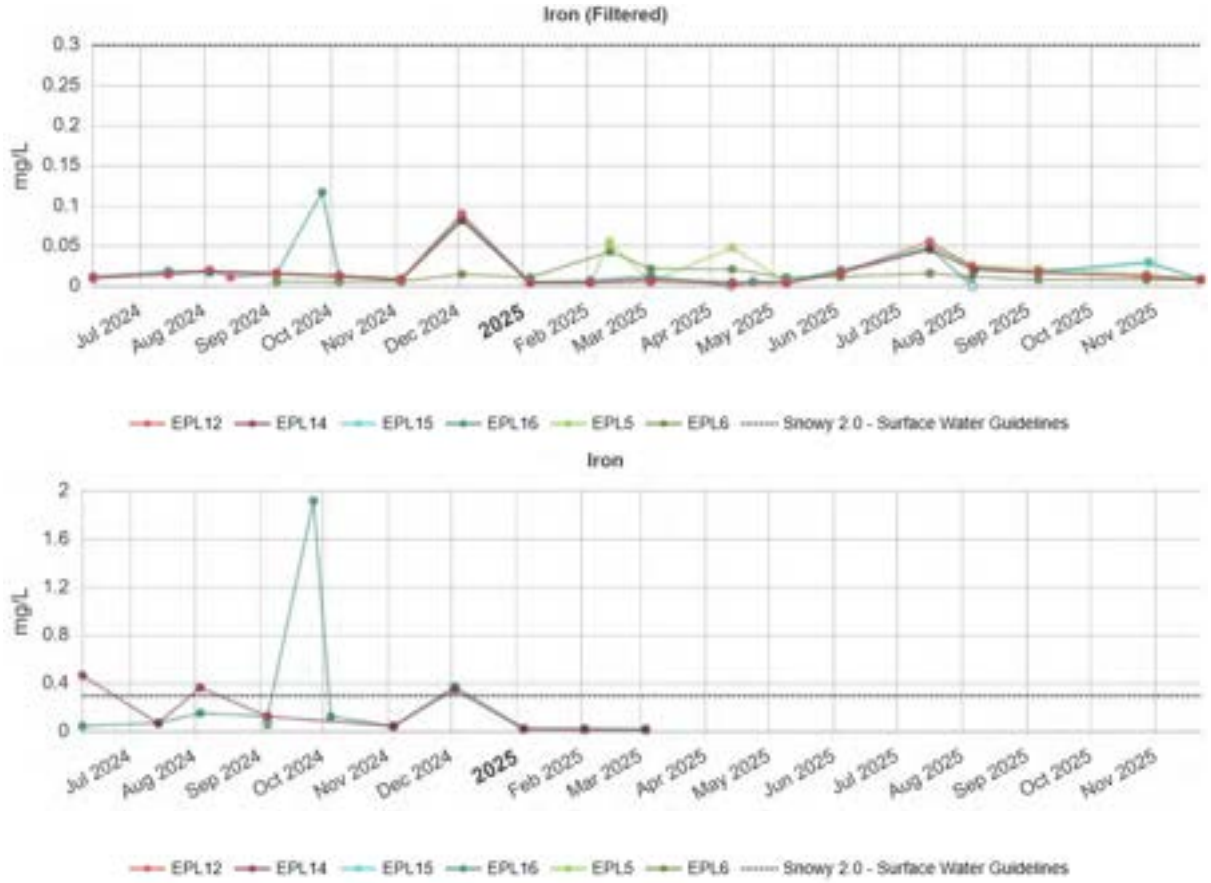

Nitrogen (Total)
mg/L
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines


Nitrite + Nitrate as N (NOx)
mg/L
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines


Nickel (Filtered)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines
Nickel
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines


Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines
Manganese
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines


Lead (Filtered)
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines
Lead
mg/L
0.0016
0.0012
0.0008
0.0004
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines


Iron (Filtered)
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines
Iron
mg/L
2
1.6
1.2
0.8
0.4
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
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Nov 2025
EPL12
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EPL16
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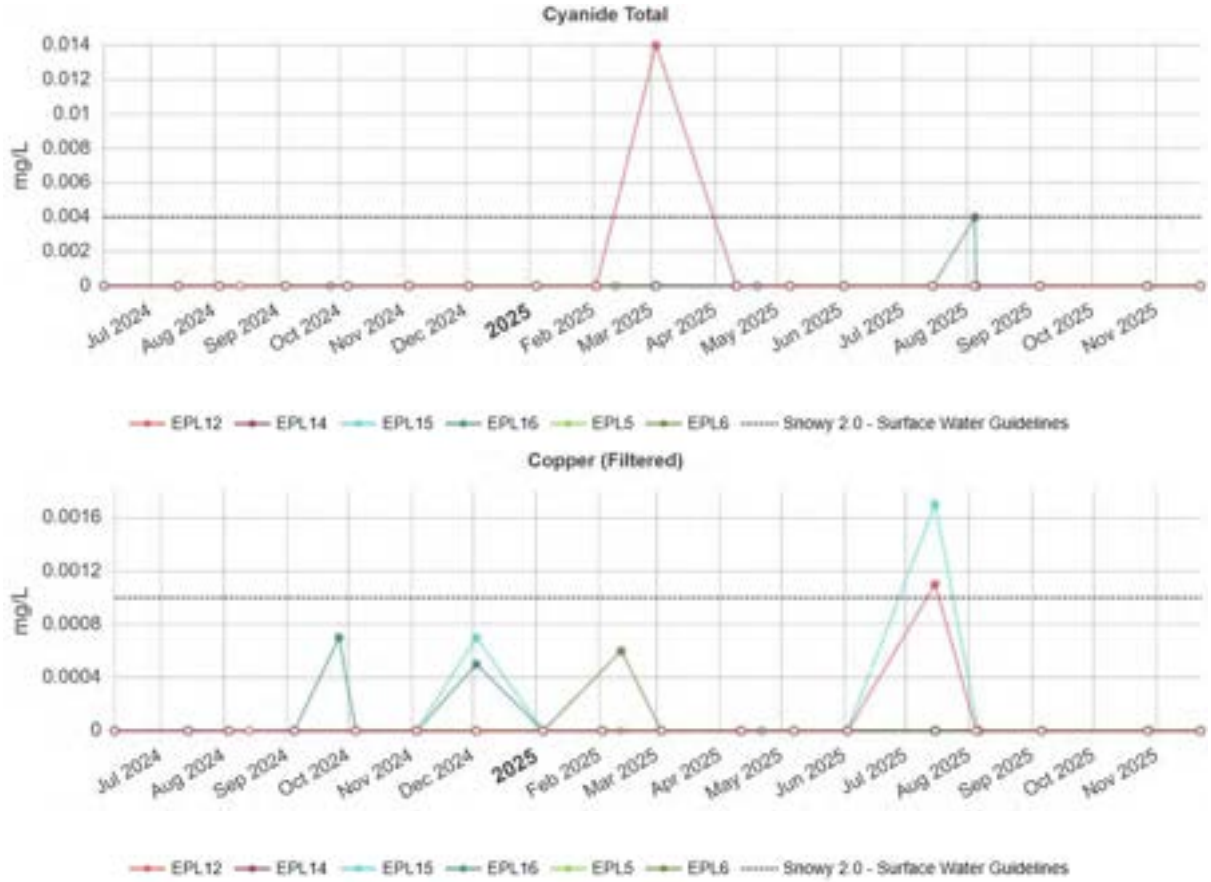
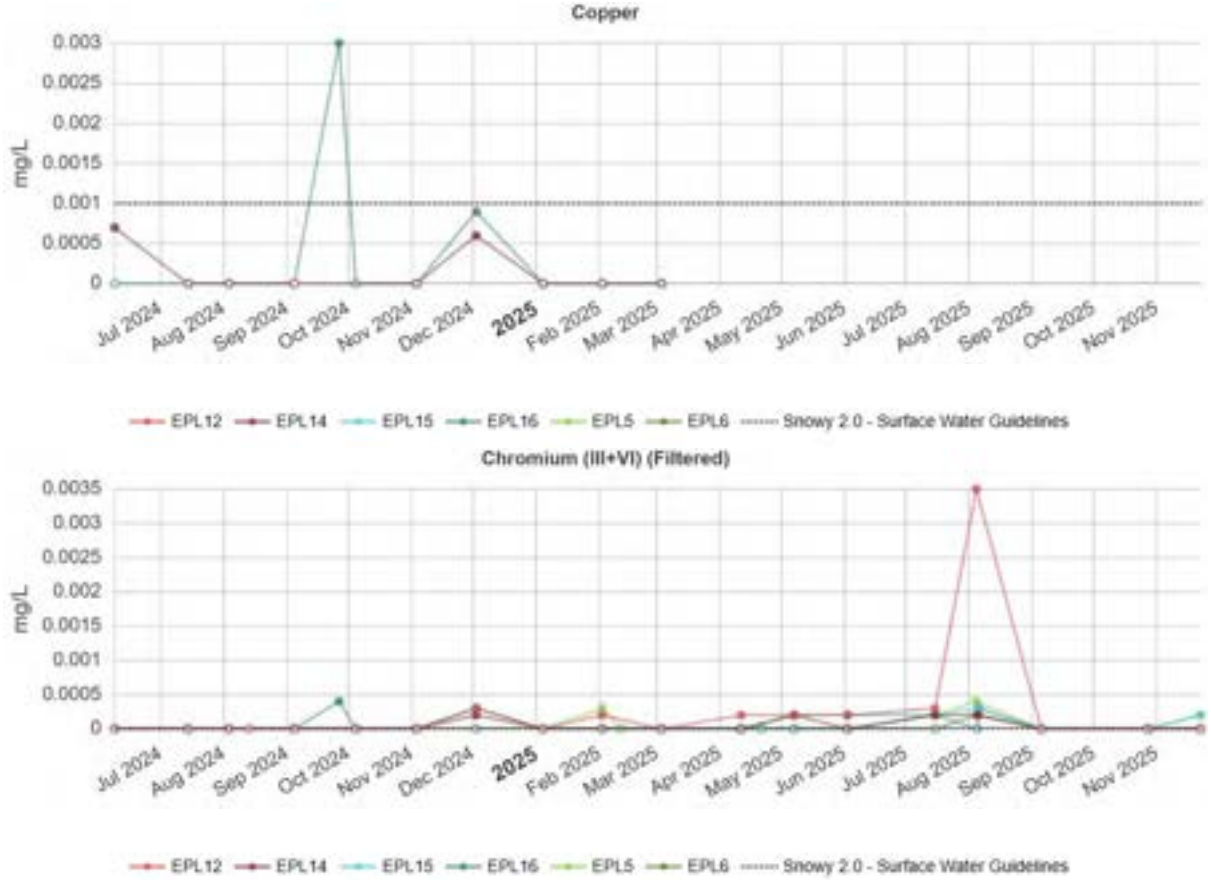
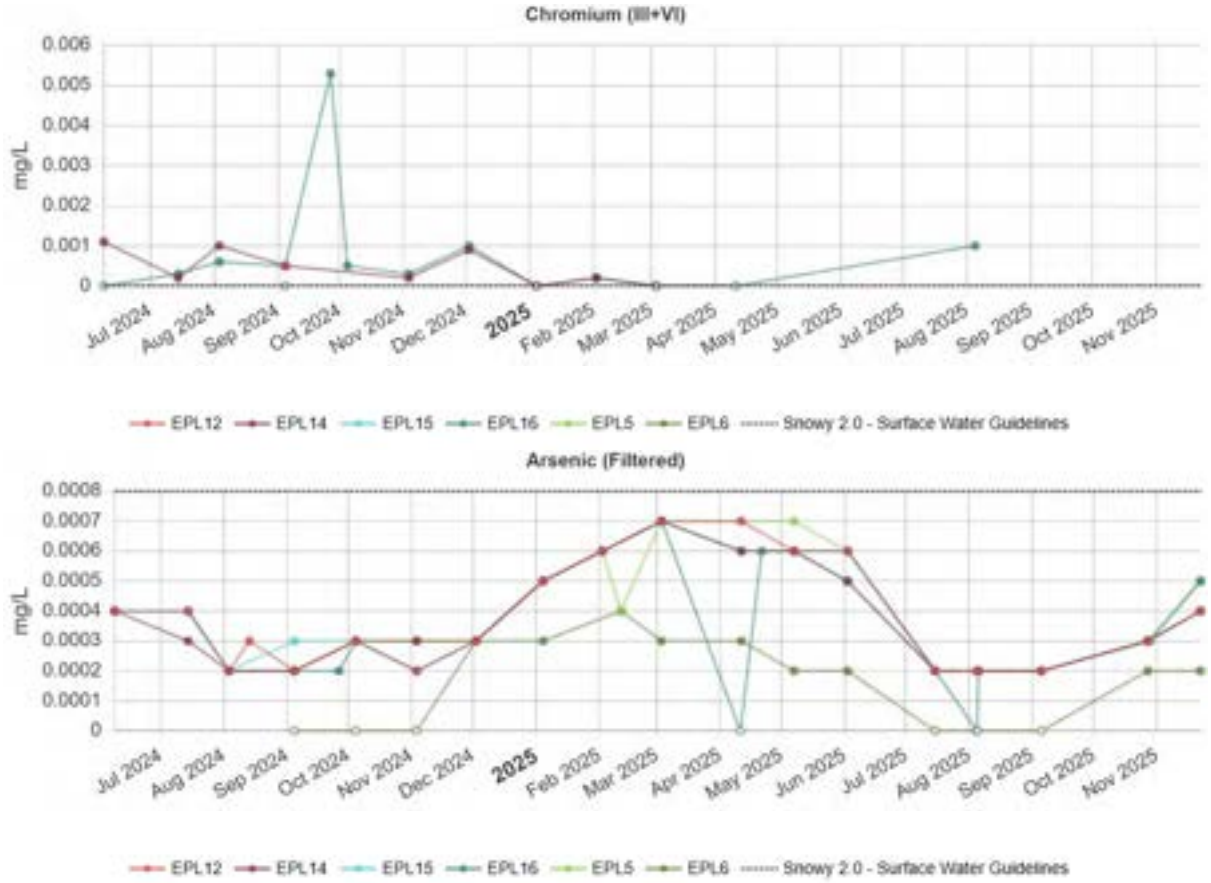
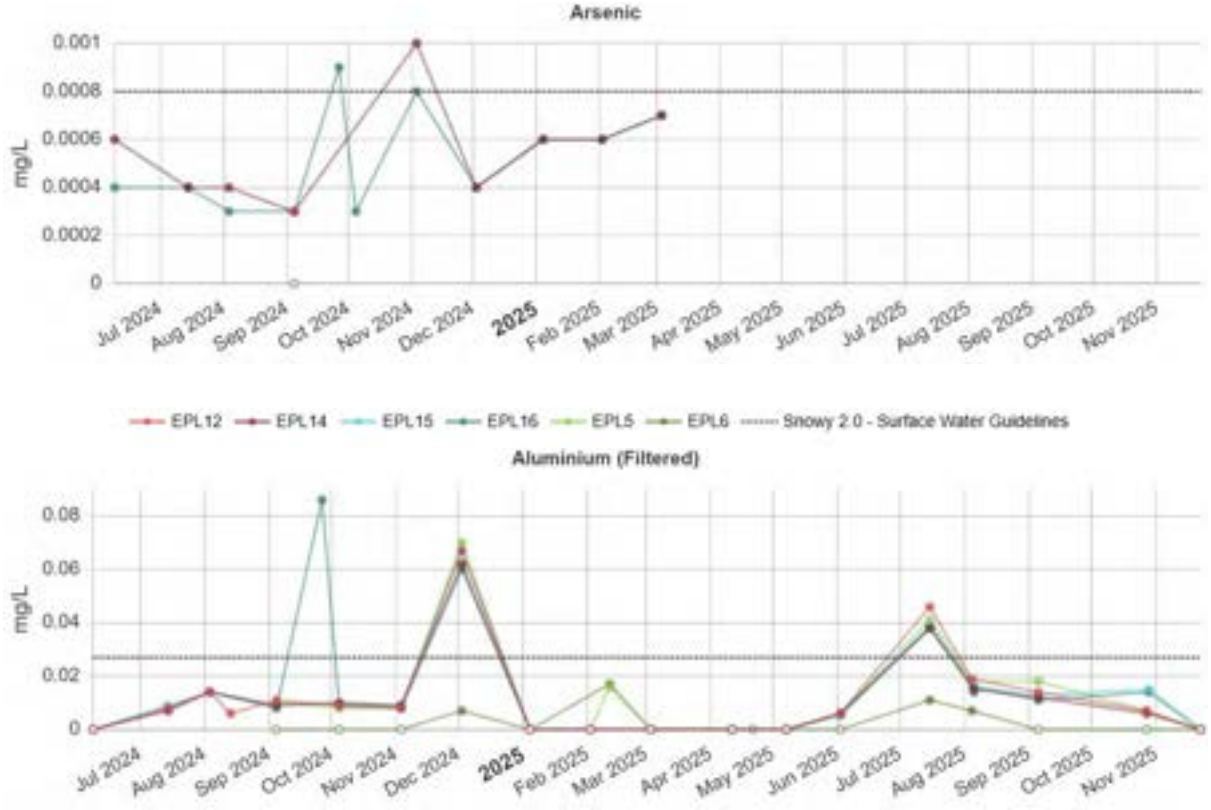
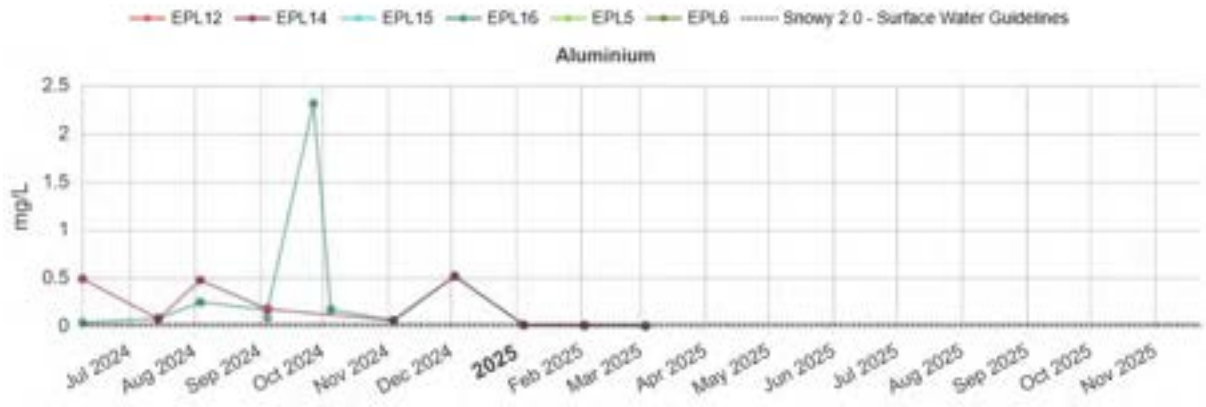
EPL6
Snowy 2.0 - Surface Water Guidelines


Cyanide Total
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines
Copper (Filtered)
0.0016
0.0012
0.0008
0.0004
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines

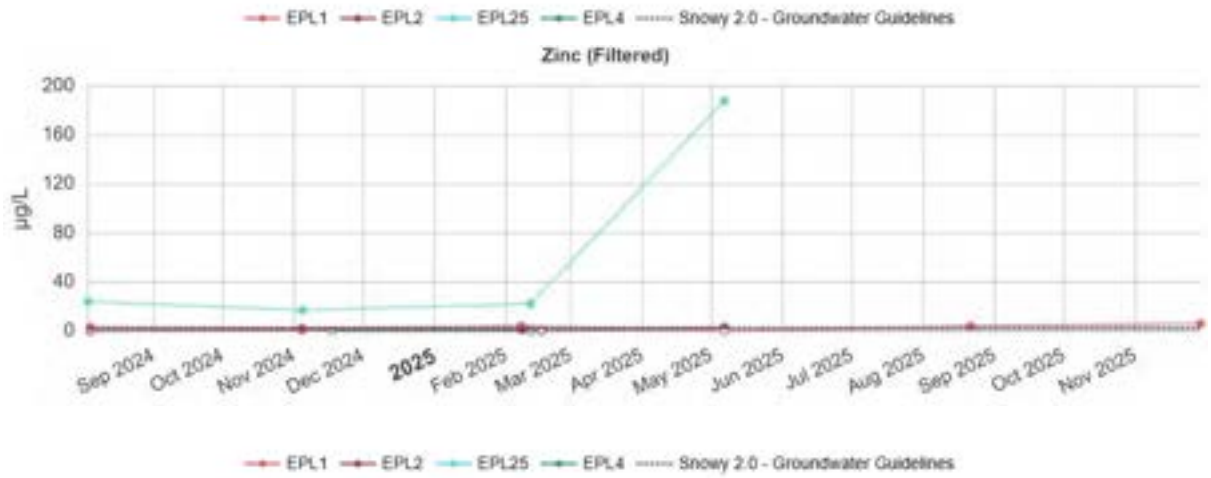

Copper
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines
Chromium (III+VI) (Filtered)
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines

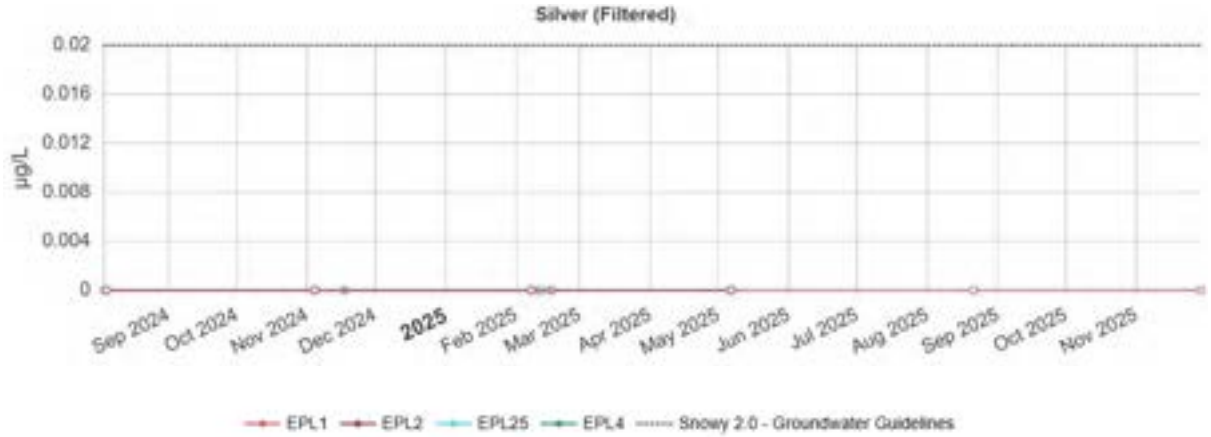

Chromium (III+VI)
mg/L
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines
Arsenic (Filtered)
mg/L
0.0008
0.0007
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines

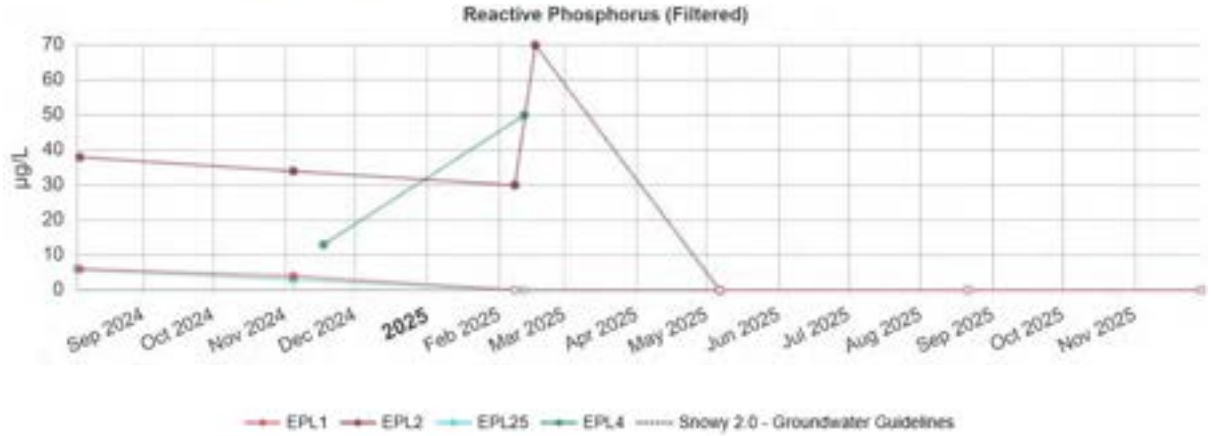

Arsenic
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL12
EPL14
EPL15
EPL16
EPL5
EPL6
Snowy 2.0 - Surface Water Guidelines
Aluminium (Filtered)
0.08
0.06
0.04
0.02
0
mg/L

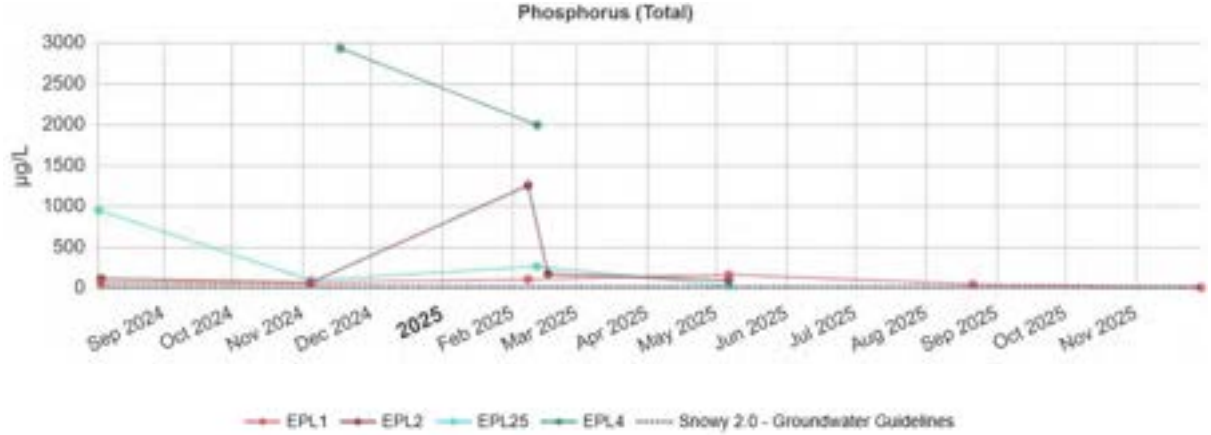


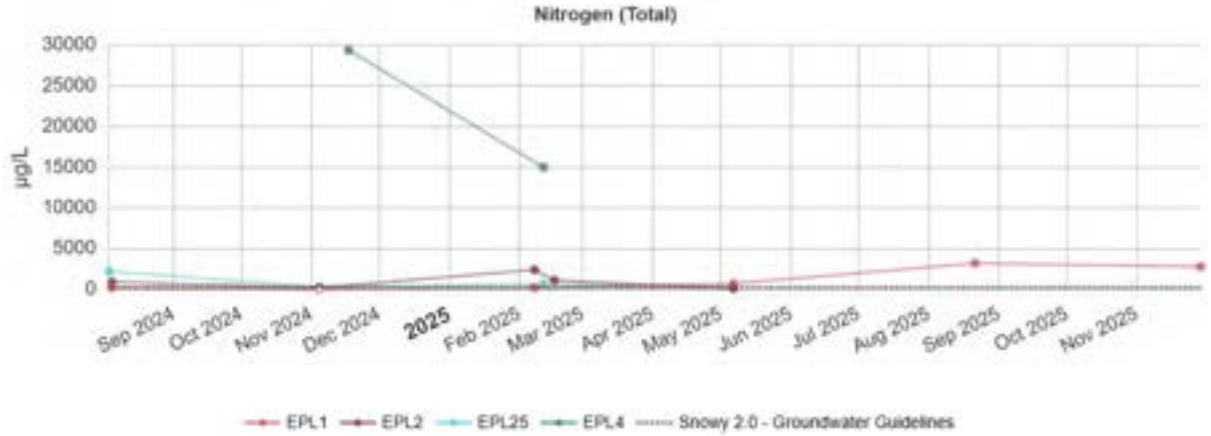
Quarterly Groundwater

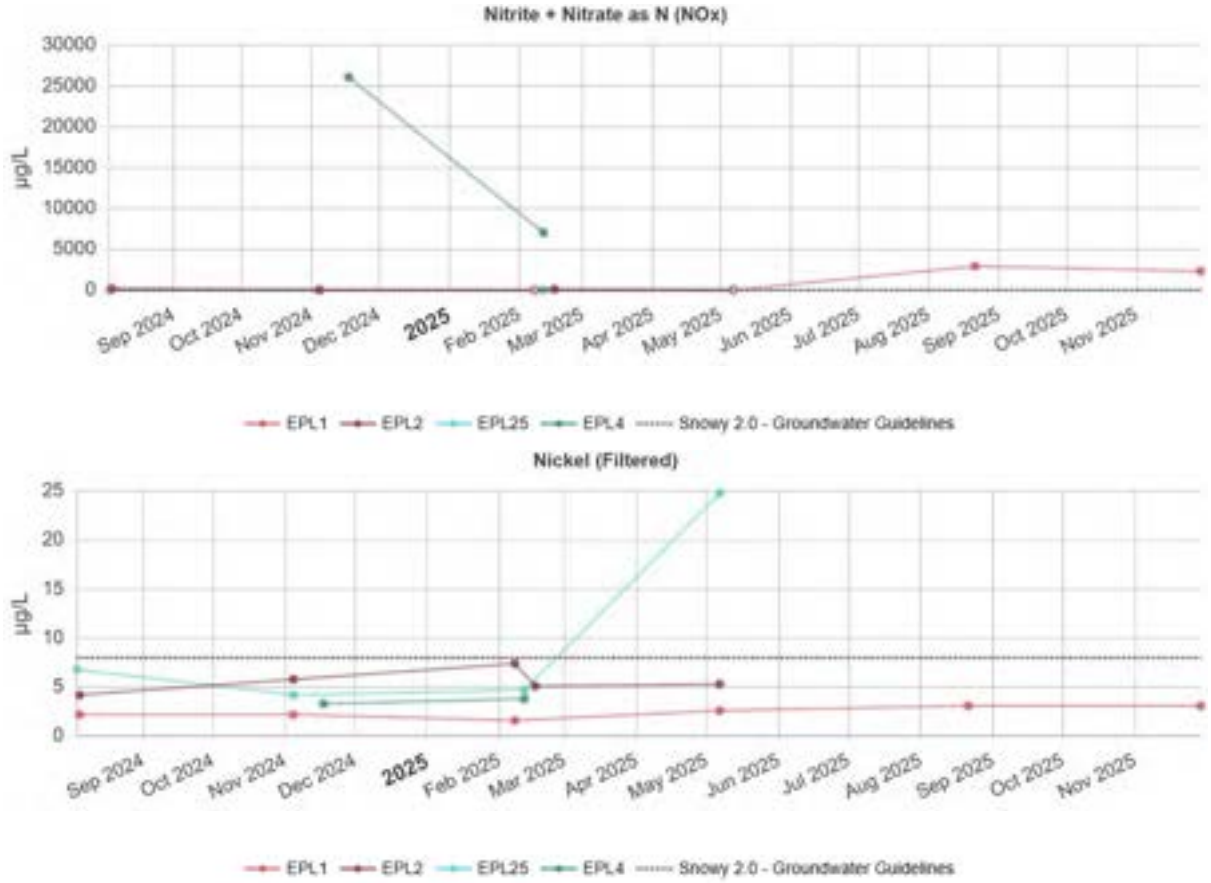


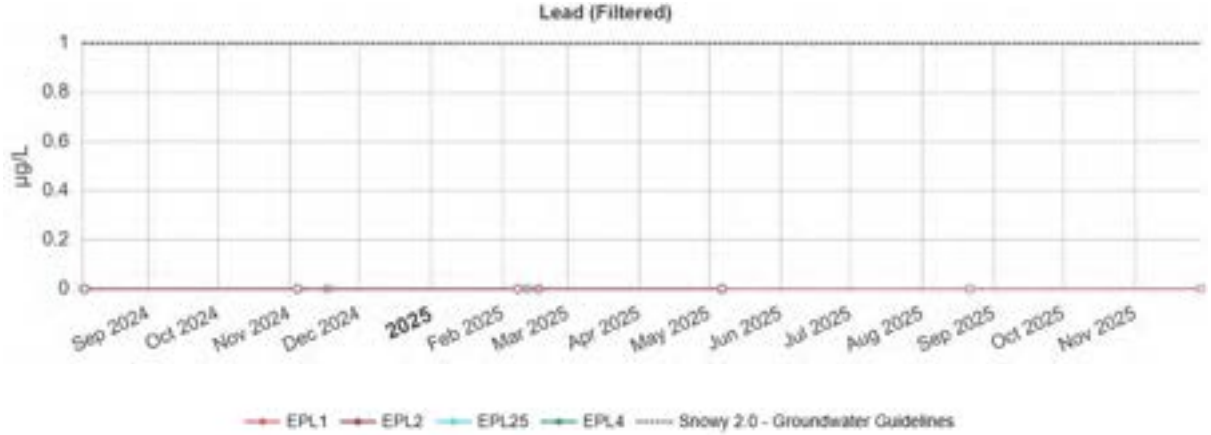

Silver (Filtered)
0.02
0.016
0.012
0.008
0.004
0
µg/l
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL1
EPL2
EPL25
EPL4
Snowy 2.0 - Groundwater Guidelines


Reactive Phosphorus (Filtered)
70
60
50
40
30
20
10
0
µg/l
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL1
EPL2
EPL25
EPL4
Snowy 2.0 - Groundwater Guidelines

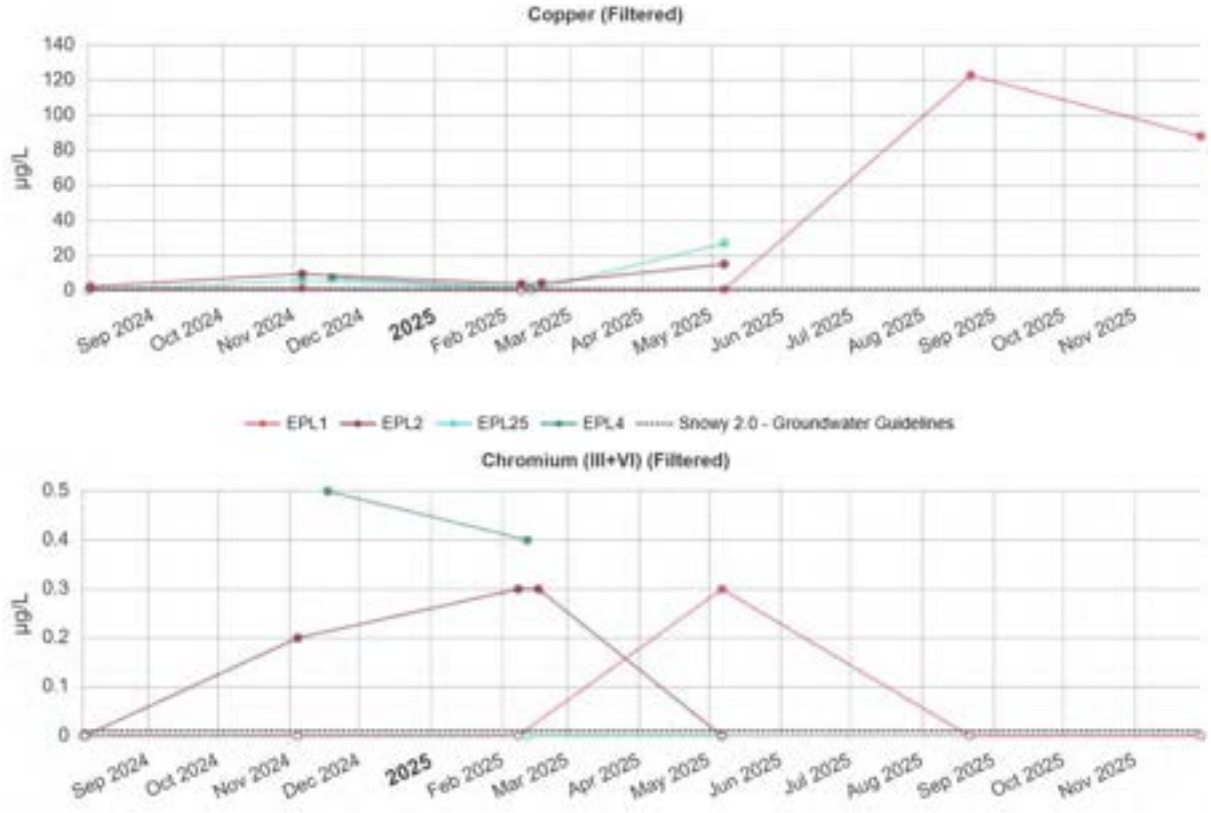

Phosphorus (Total)
µg/L
3000
2500
2000
1500
1000
500
0
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL1
EPL2
EPL25
EPL4
Snowy 2.0 - Groundwater Guidelines

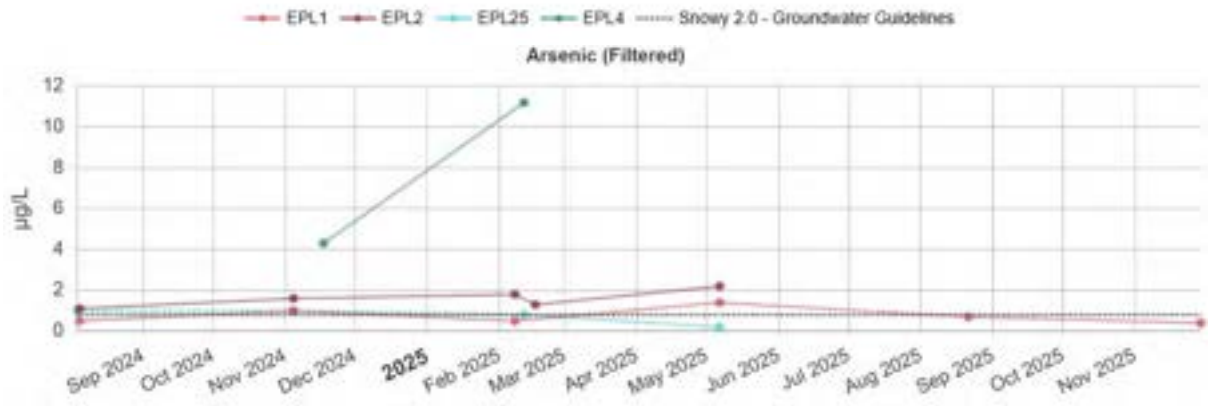

Nitrogen (Total)
µg/L
30000
25000
20000
15000
10000
5000
0
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL1
EPL2
EPL25
EPL4
Snowy 2.0 - Groundwater Guidelines

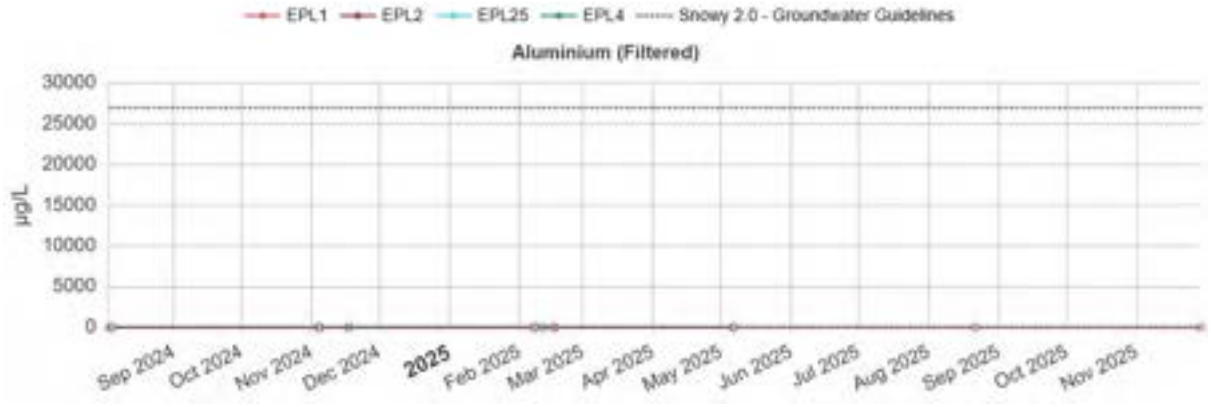

Nitrite + Nitrate as N (NOx)
µg/L
30000
25000
20000
15000
10000
5000
0
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL1
EPL2
EPL25
EPL4
Snowy 2.0 - Groundwater Guidelines
Nickel (Filtered)
µg/L
25
20
15
10
5
0
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL1
EPL2
EPL25
EPL4
Snowy 2.0 - Groundwater Guidelines


Lead (Filtered)
µg/l
1
0.8
0.6
0.4
0.2
0
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL1
EPL2
EPL25
EPL4
Snowy 2.0 - Groundwater Guidelines

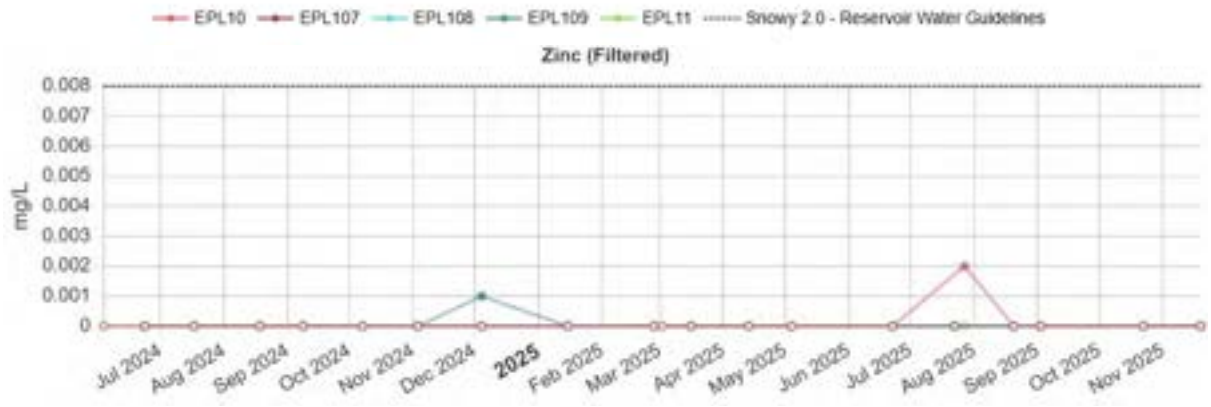
Iron (Filtered)
µg/l
1600
1400
1200
1000
800
600
400
200
0
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL1
EPL2
EPL25
EPL4
Snowy 2.0 - Groundwater Guidelines

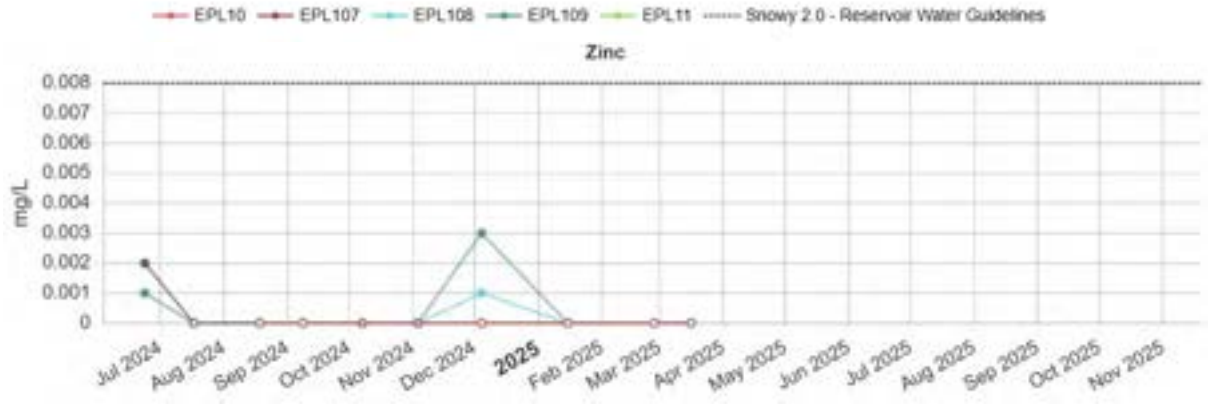

Copper (Filtered)
140
120
100
80
60
40
20
0
µg/L
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL1
EPL2
EPL25
EPL4
Snowy 2.0 - Groundwater Guidelines
Chromium (III+VI) (Filtered)
0.5
0.4
0.3
0.2
0.1
0
µg/L
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL1
EPL2
EPL25
EPL4
Snowy 2.0 - Groundwater Guidelines
Arsenic (Filtered)
µg/L
12
10
8
6
4
2
0
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

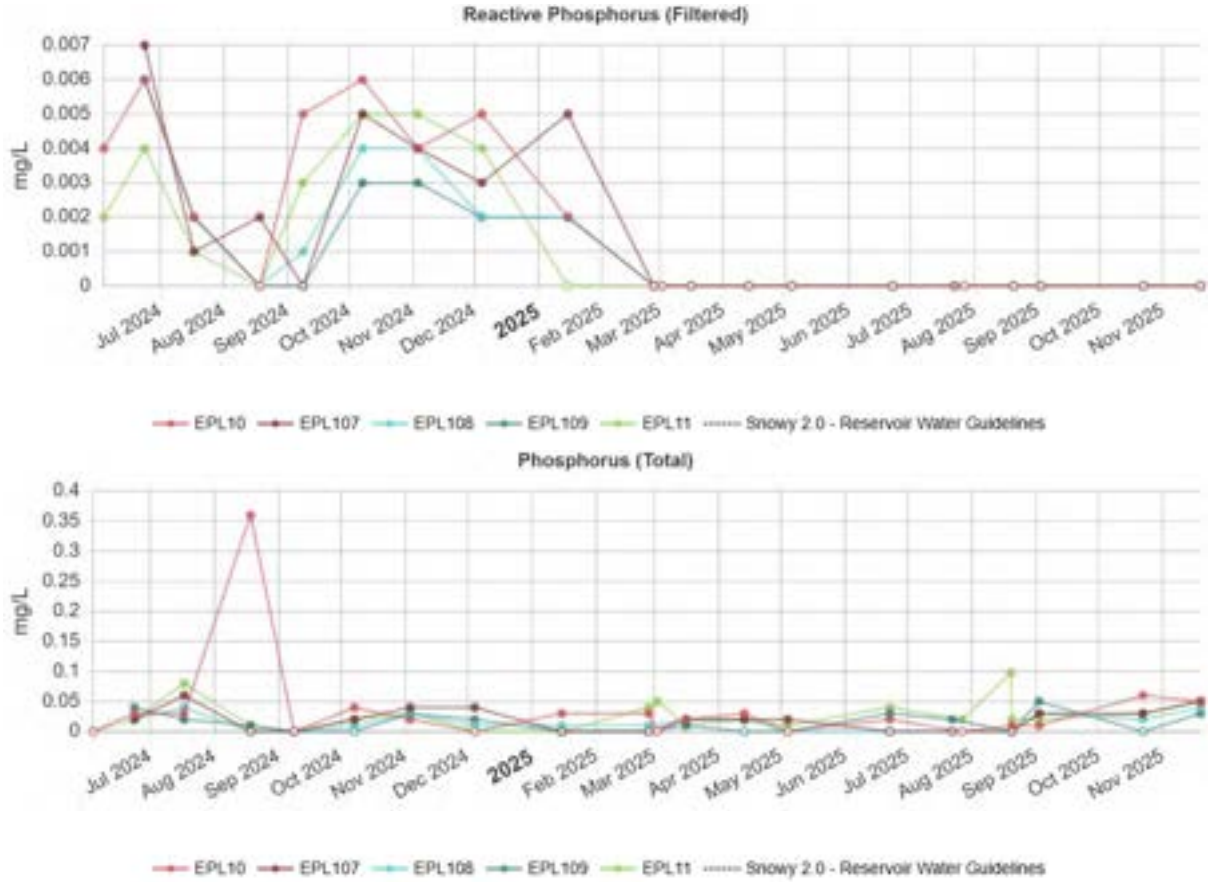

EPL1
EPL2
EPL25
EPL4
Snowy 2.0 - Groundwater Guidelines
Aluminium (Filtered)
µg/L
30000
25000
20000
15000
10000
5000
0
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

Talbingo Reservoir


EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Zinc (Filtered)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Zinc
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Silver (Filtered)
mg/L
0.05 × 10⁻³
0.04 × 10⁻³
0.00003
0.02 × 10⁻³
0.01 × 10⁻³
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Silver
mg/L
0.05 × 10⁻³
0.04 × 10⁻³
0.00003
0.02 × 10⁻³
0.01 × 10⁻³
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines


Reactive Phosphorus (Filtered)
mg/L
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Phosphorus (Total)
mg/L
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
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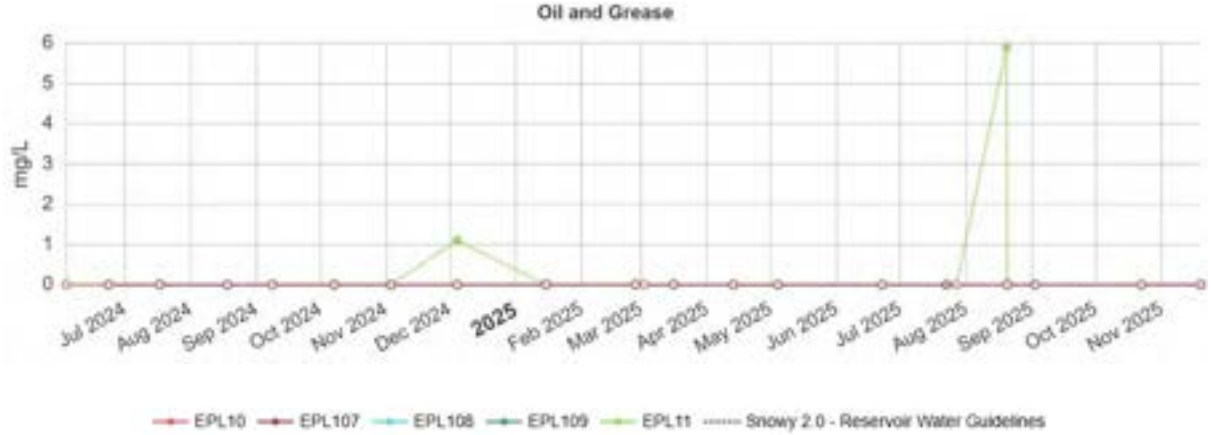
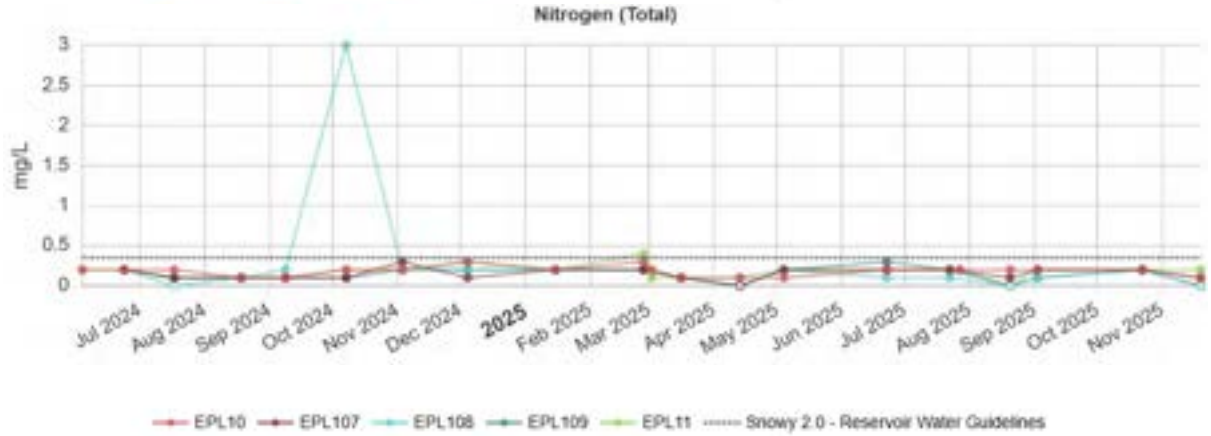
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines


Oil and Grease
mg/L
6
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines


Nitrogen (Total)
mg/L
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
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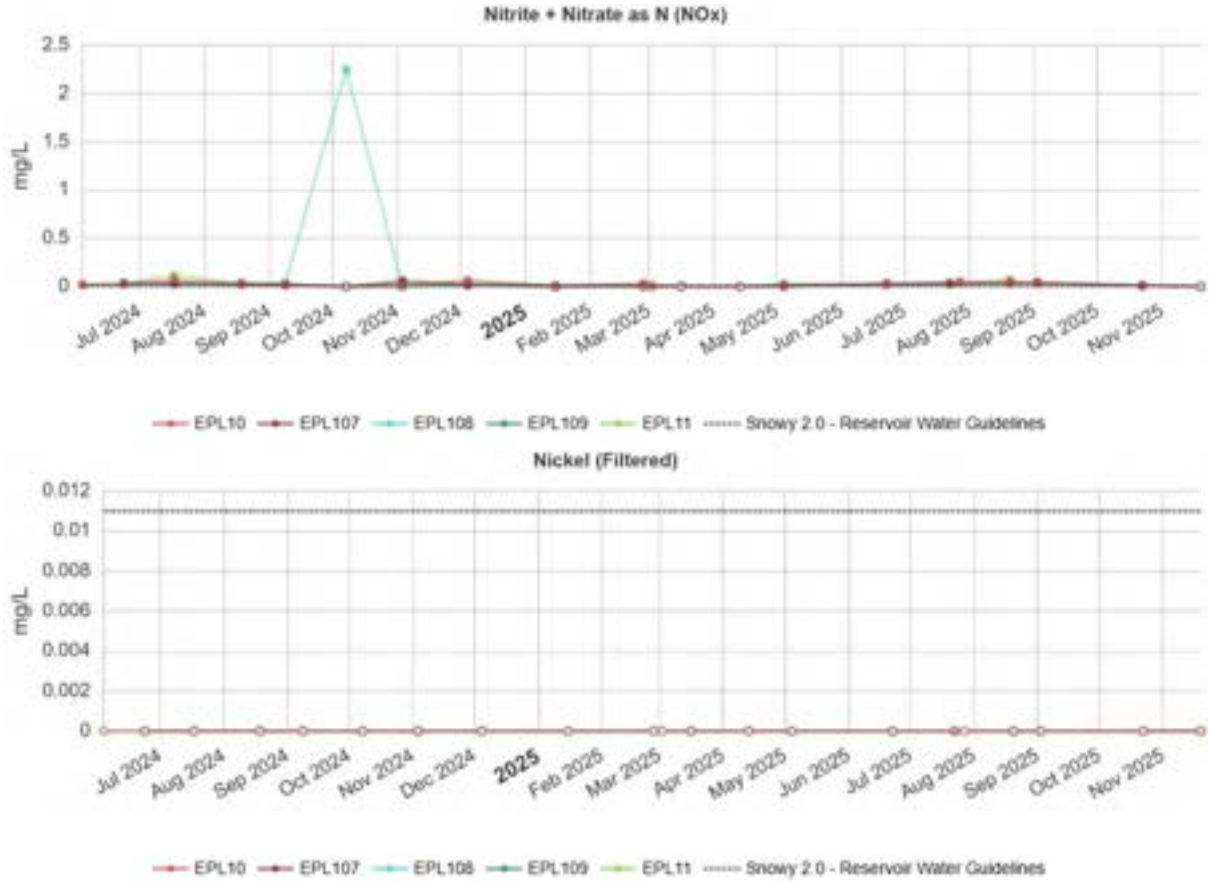
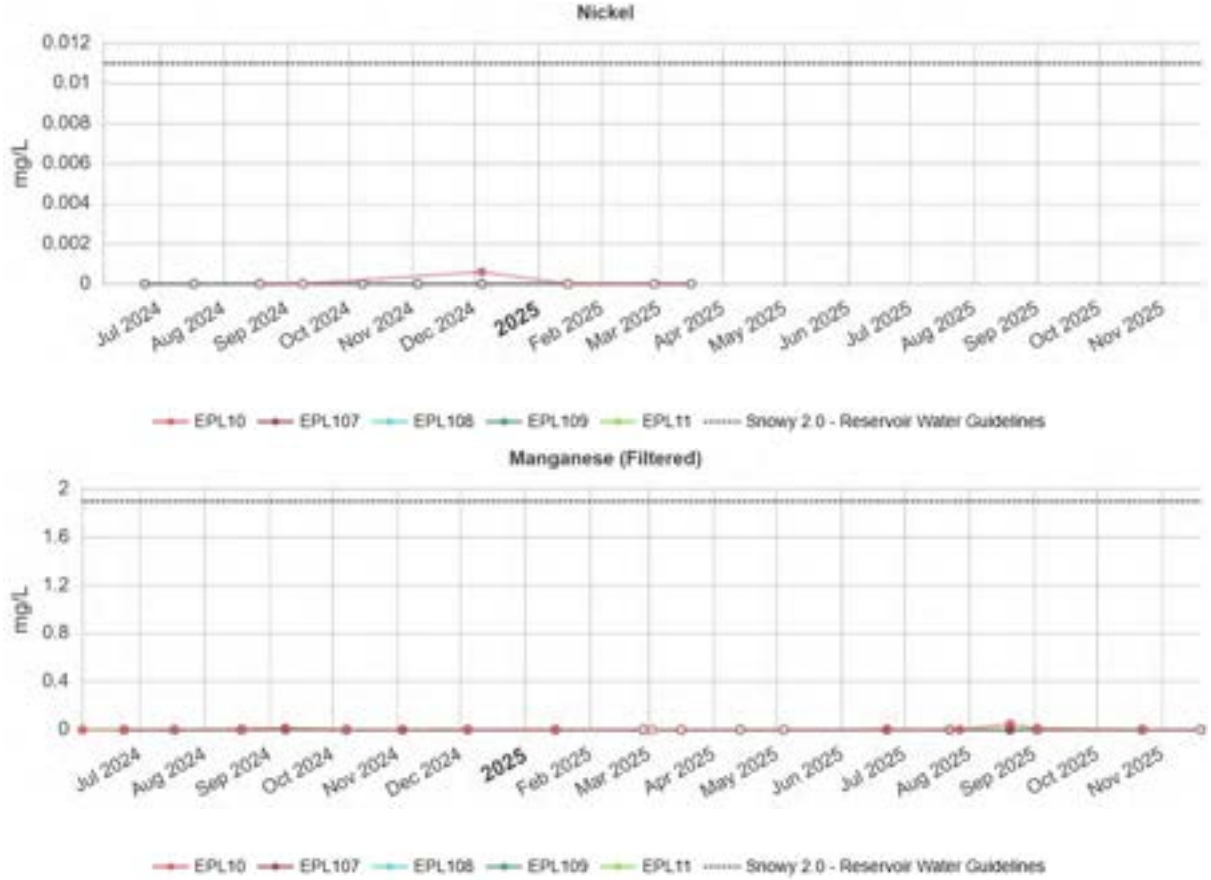
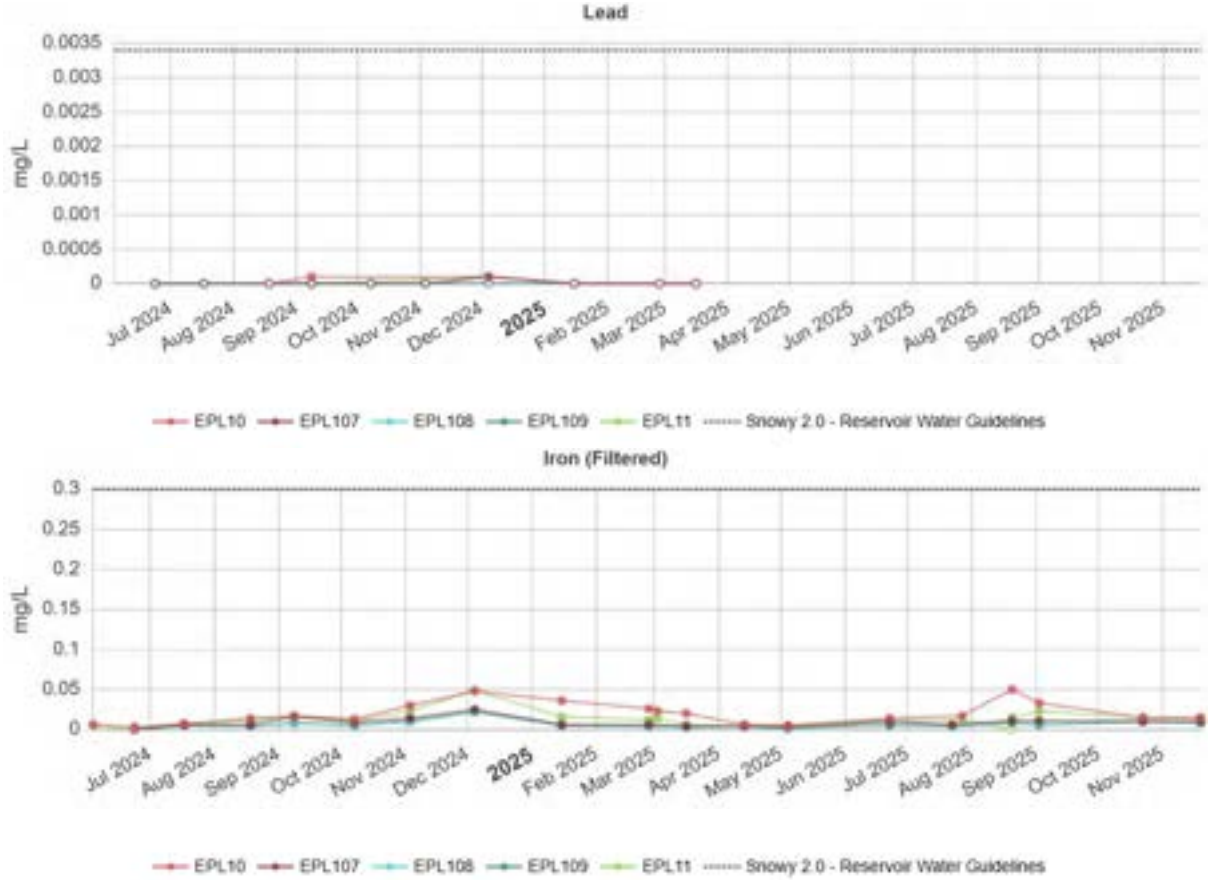
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines


Nitrite + Nitrate as N (NOx)
mg/L
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Nickel (Filtered)
mg/L
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines


Nickel
0.012
0.01
0.008
0.006
0.004
0.002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Manganese (Filtered)
2
1.6
1.2
0.8
0.4
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines

Manganese
mg/L
2
1.6
1.2
0.8
0.4
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Lead (Filtered)
mg/L
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines


Lead
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Iron (Filtered)
0.3
0.25
0.2
0.15
0.1
0.05
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
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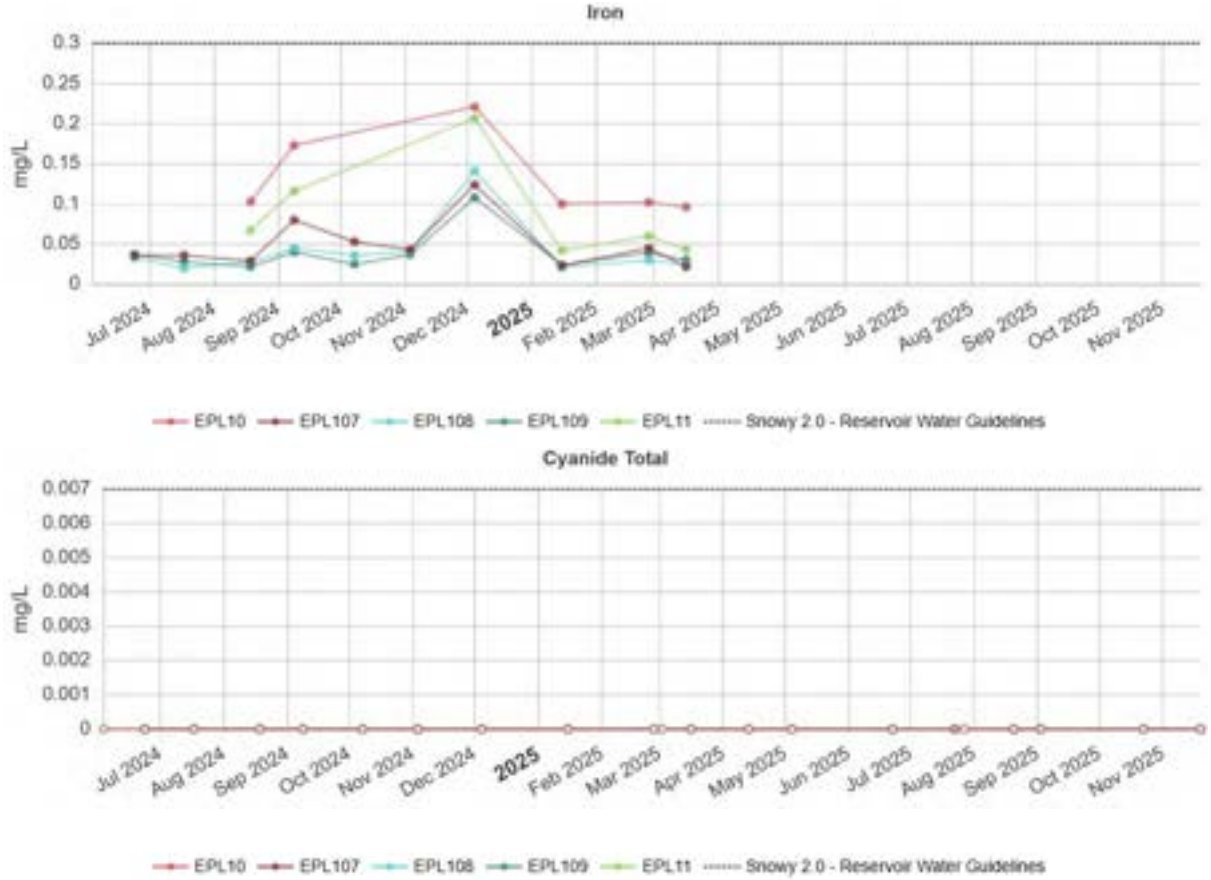
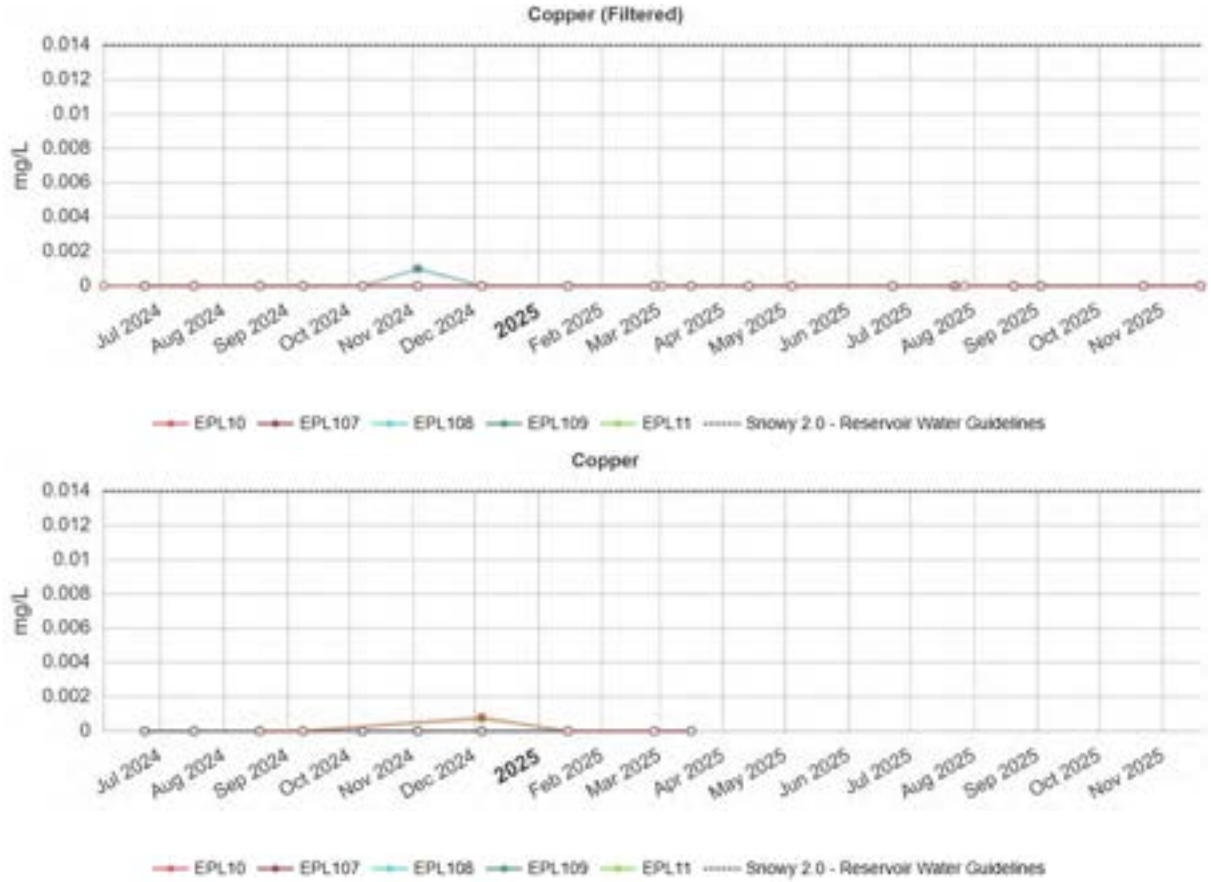
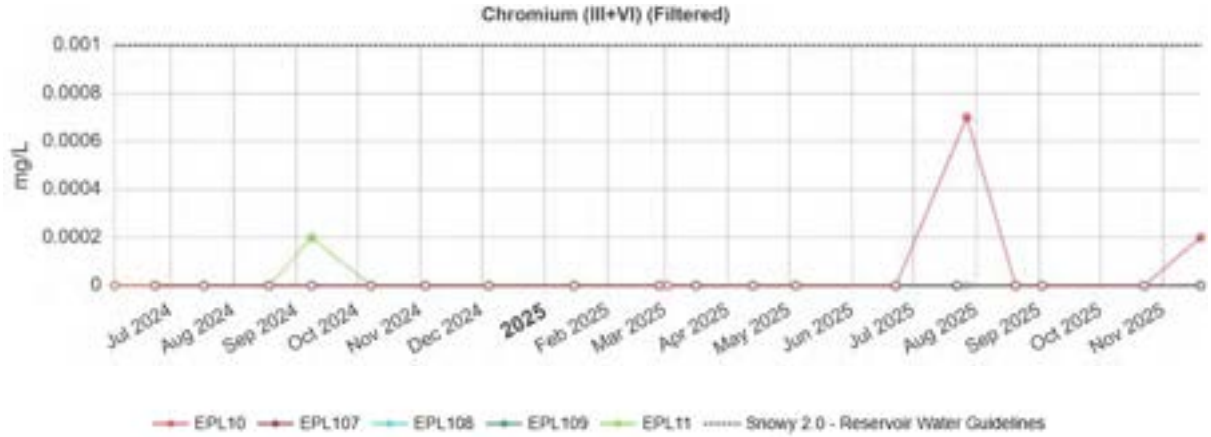
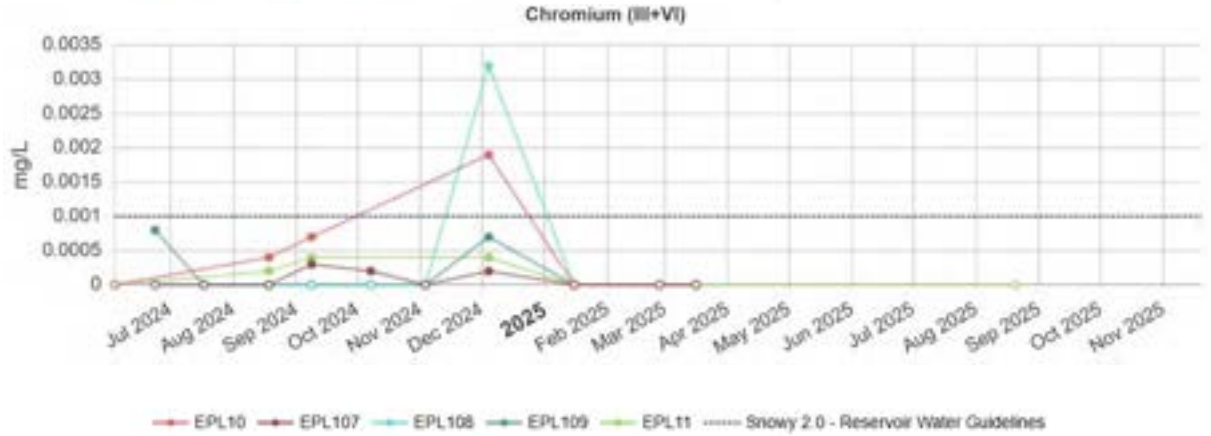
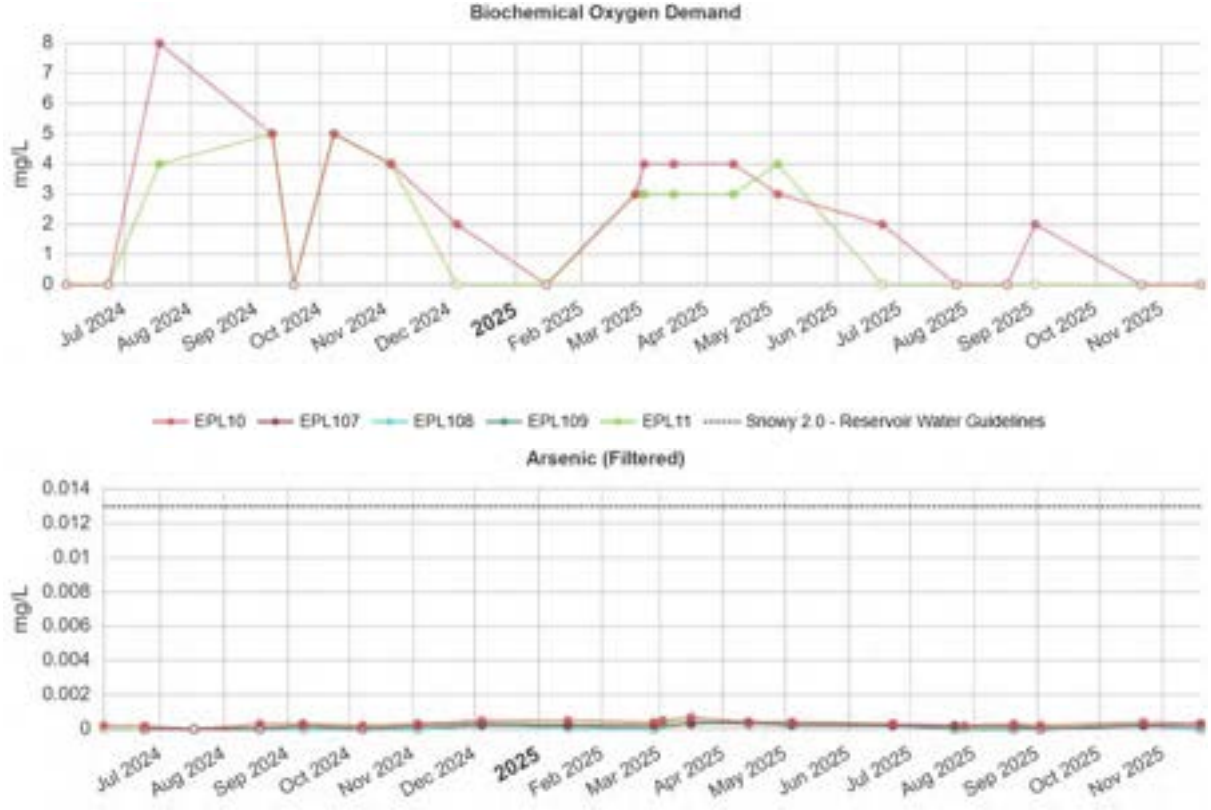
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines

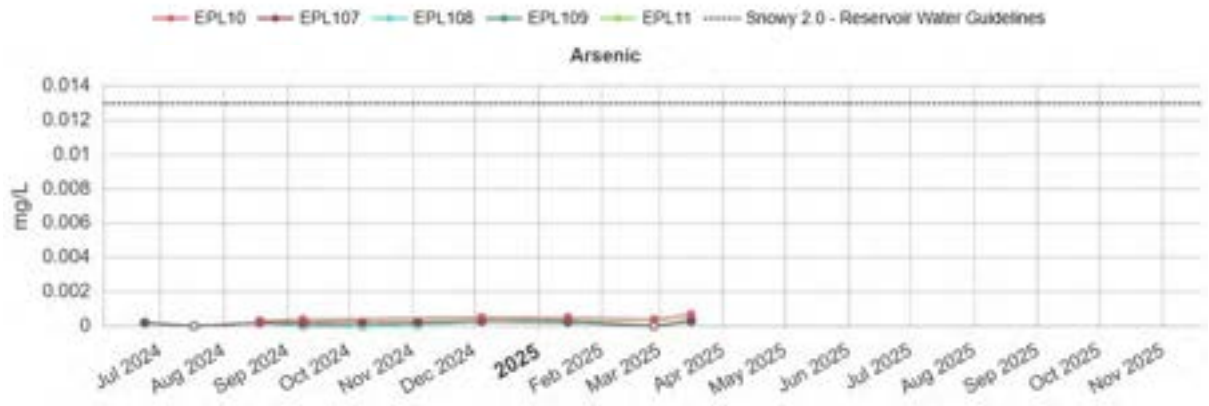

Iron
0.3
0.25
0.2
0.15
0.1
0.05
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Cyanide Total
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines

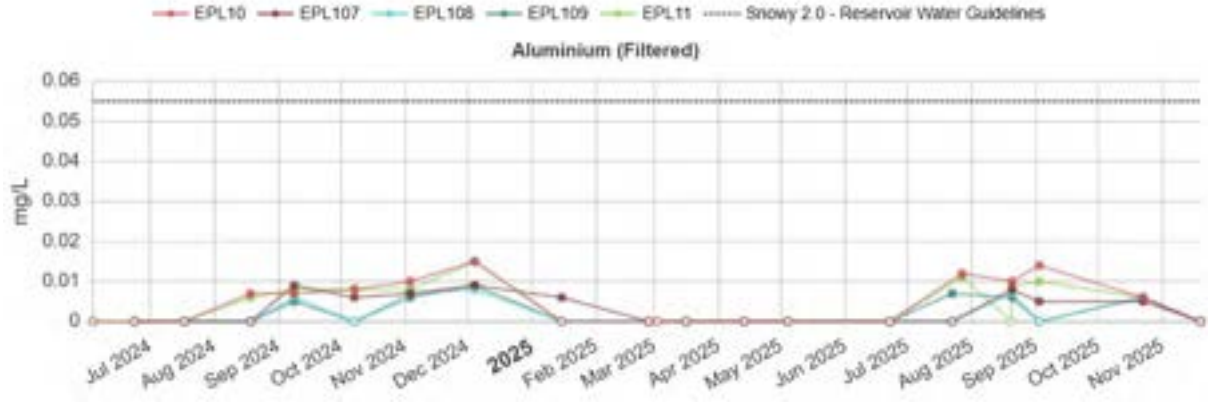

Copper (Filtered)
mg/L
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Copper
mg/L
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines

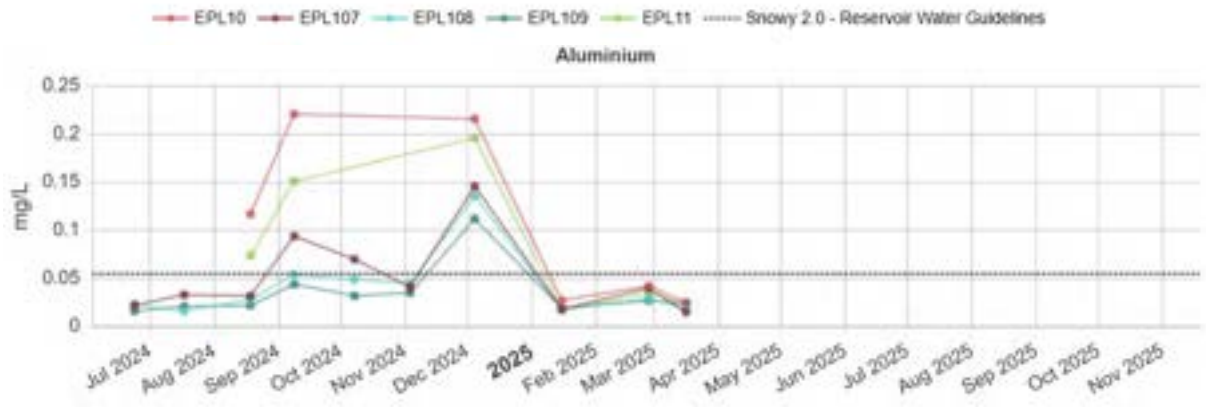

Chromium (III+VI) (Filtered)
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines


Chromium (III+VI)
mg/L
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines


Biochemical Oxygen Demand
mg/L
8
7
6
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Arsenic (Filtered)
mg/L
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

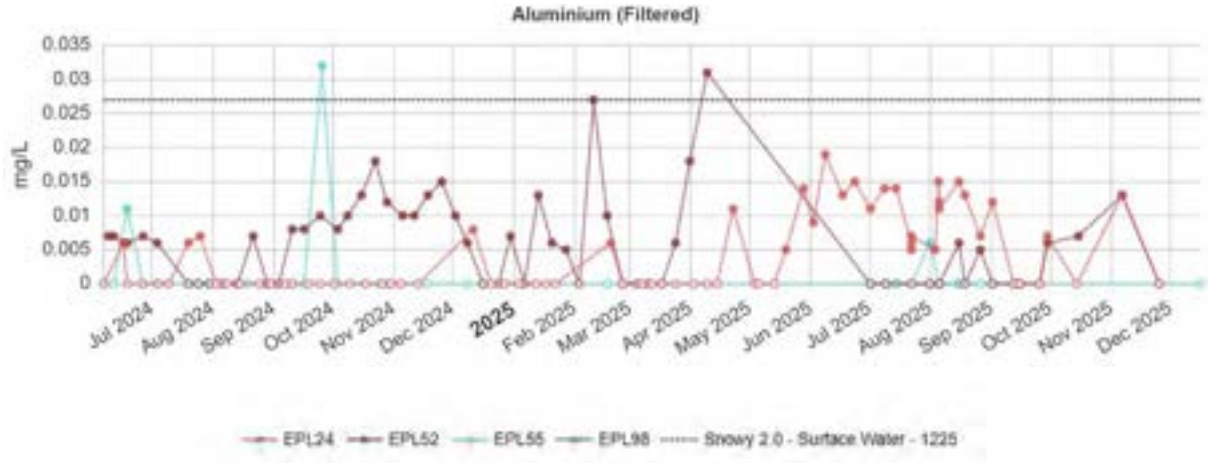

EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Arsenic
mg/L
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

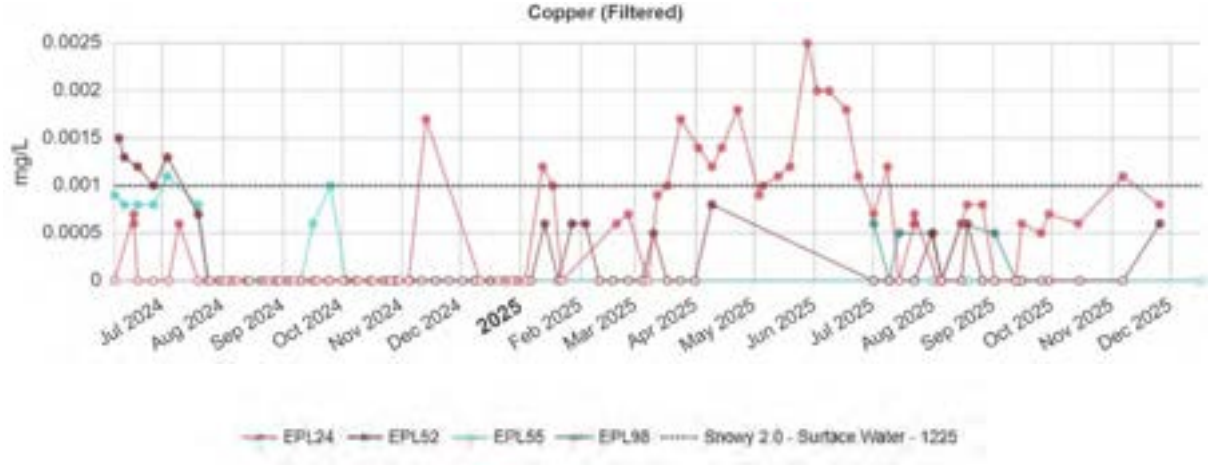

EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Aluminium (Filtered)
mg/L
0.06
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

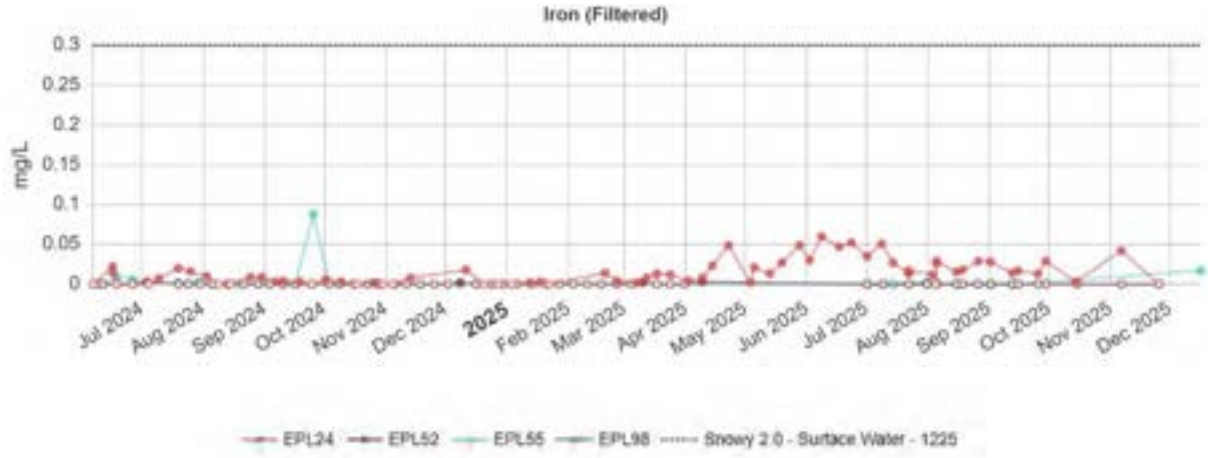

EPL10
EPL107
EPL108
EPL109
EPL11
Snowy 2.0 - Reservoir Water Guidelines
Aluminium
mg/L
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

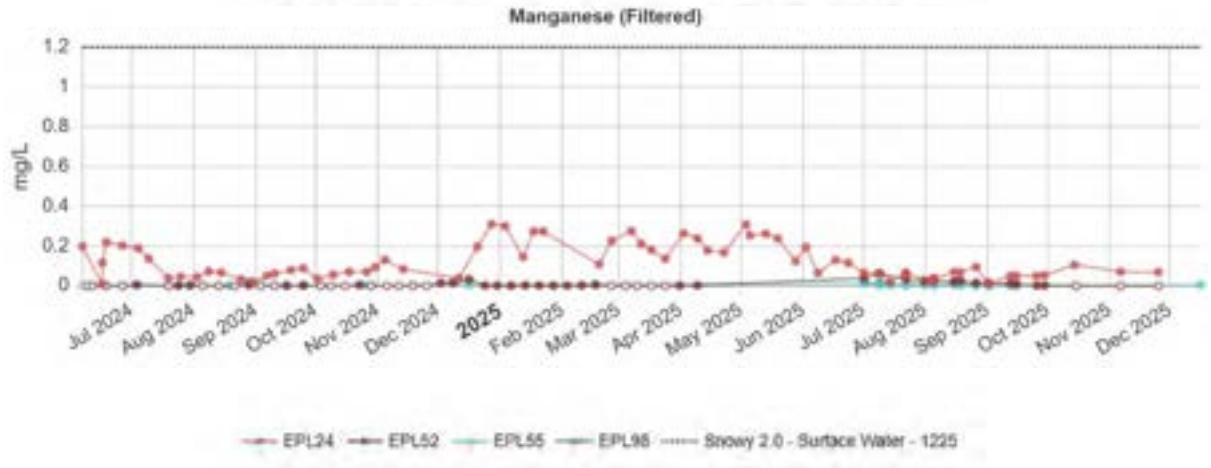
GF01

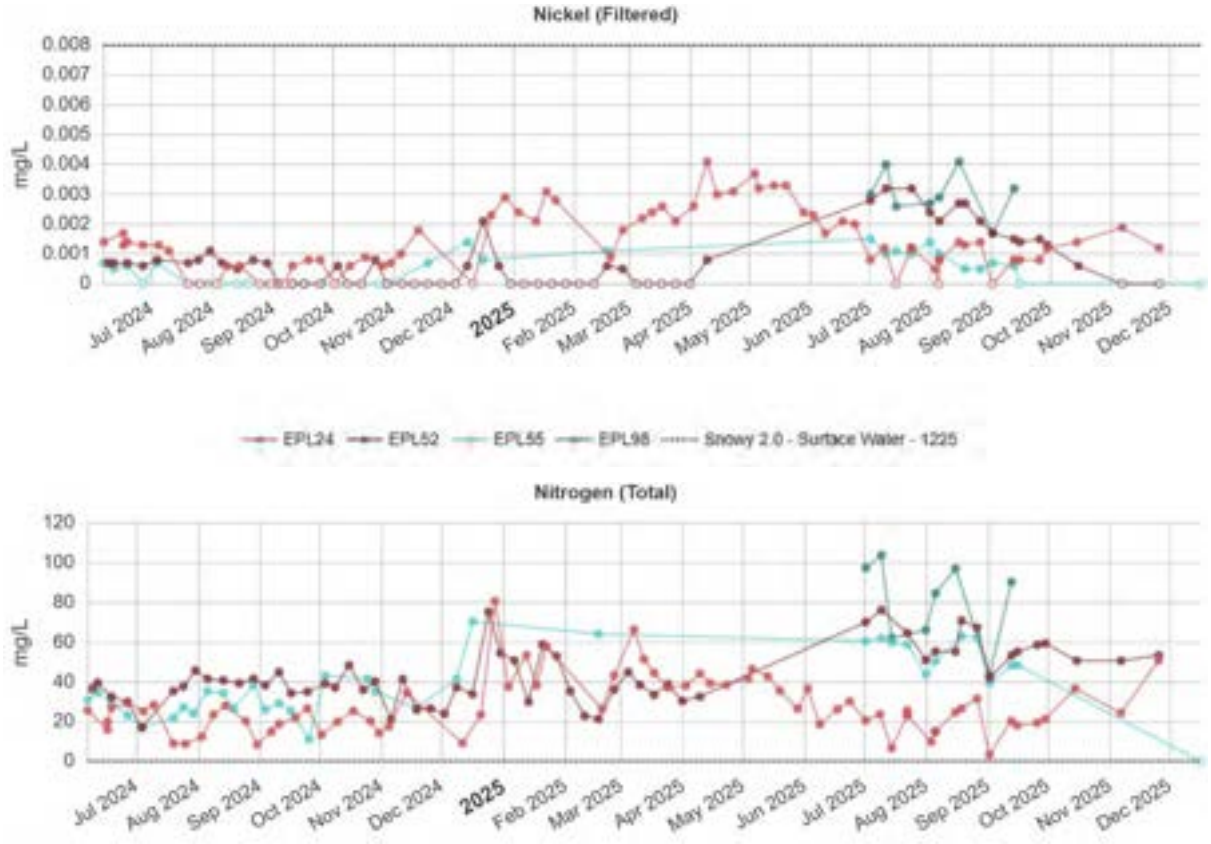
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225


Aluminium (Filtered)
mg/L
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225


Copper (Filtered)
mg/L
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225


Iron (Filtered)
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225


Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225


Nickel (Filtered)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225
Nitrogen (Total)
mg/L
120
100
80
60
40
20
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
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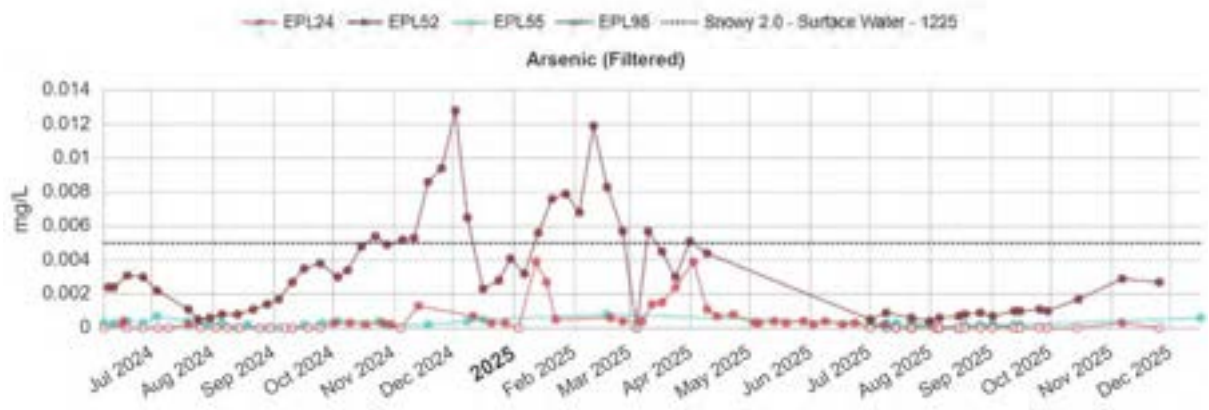
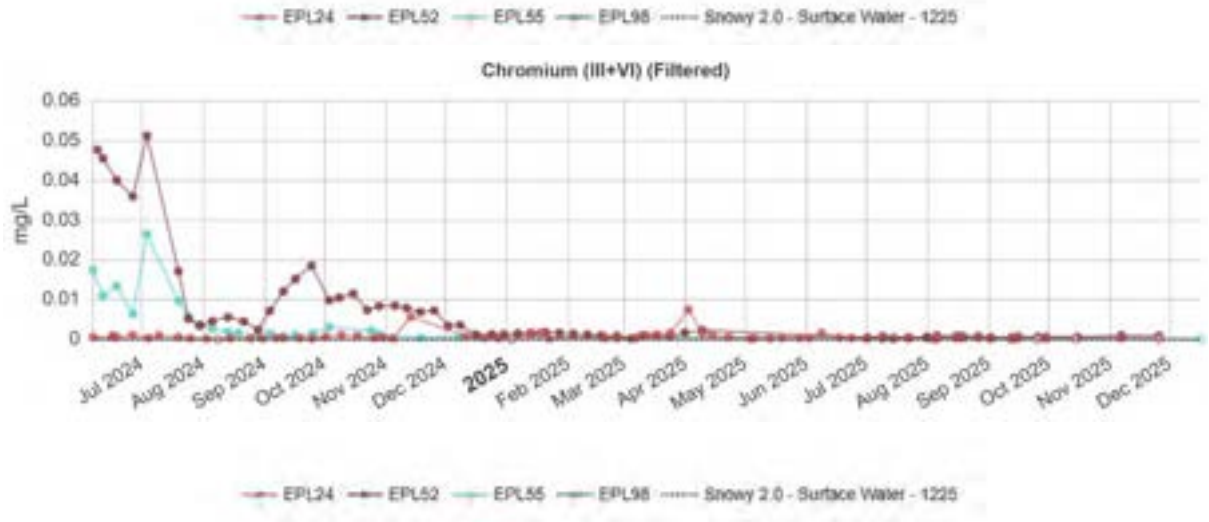
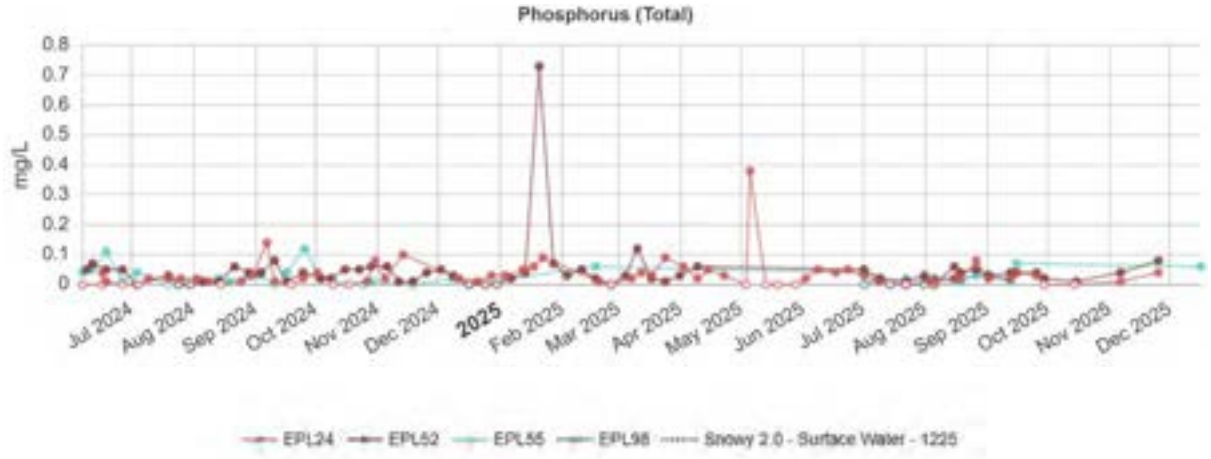
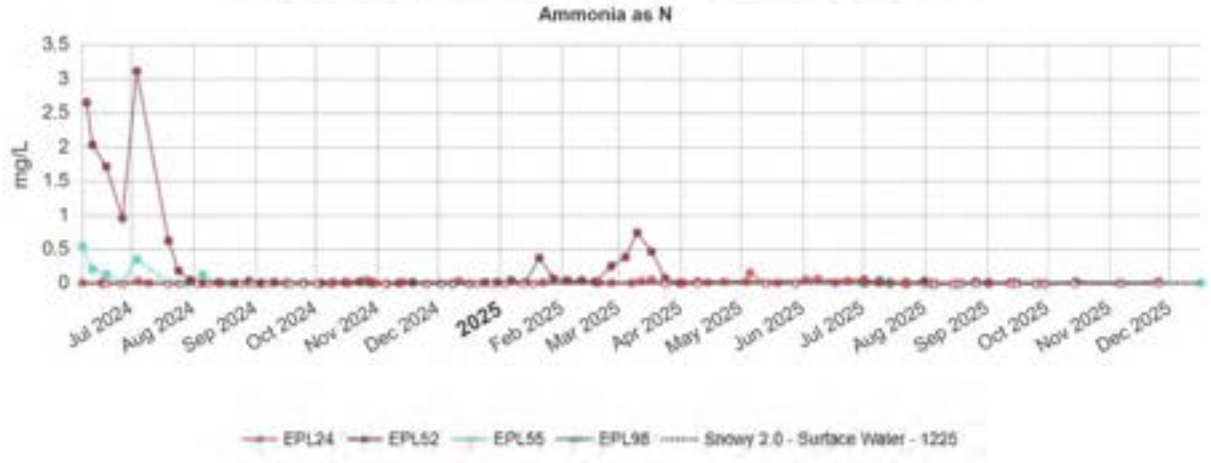
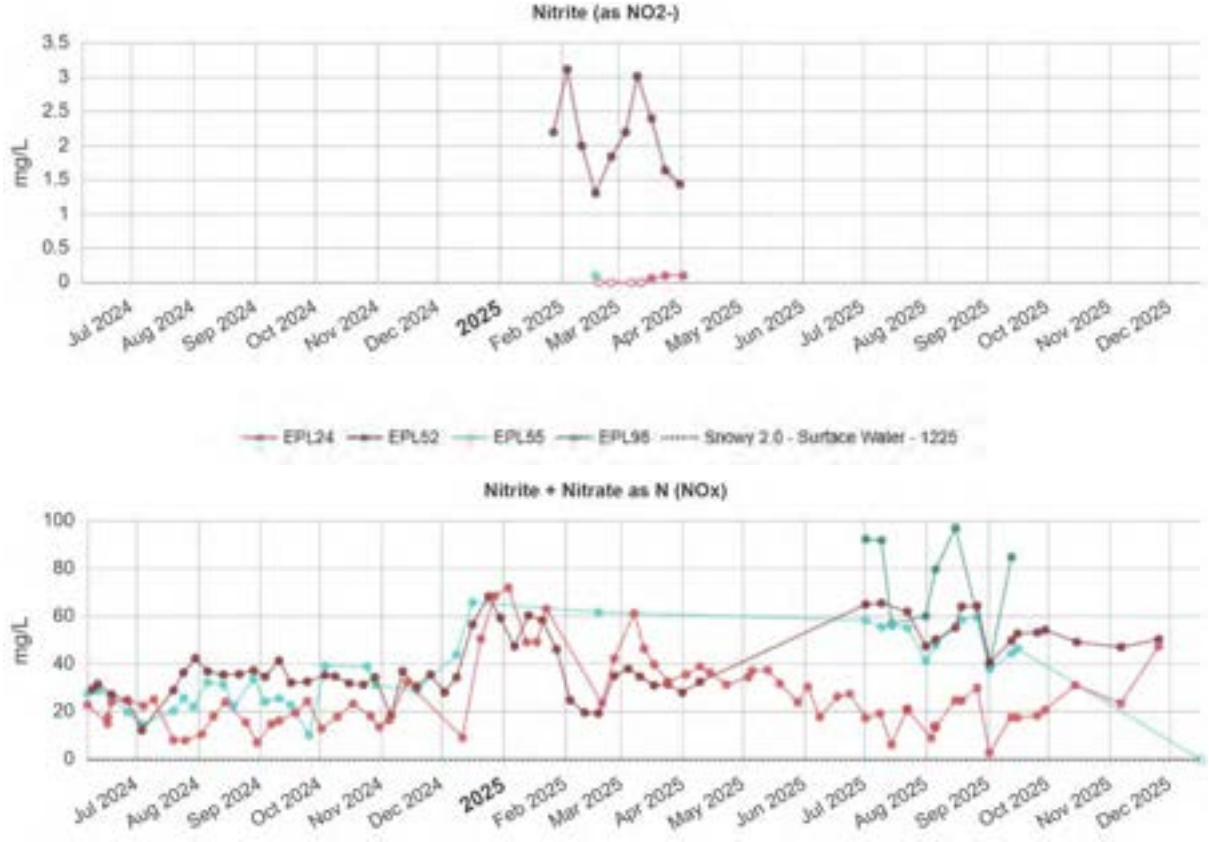
Oct 2025
Nov 2025
Dec 2025

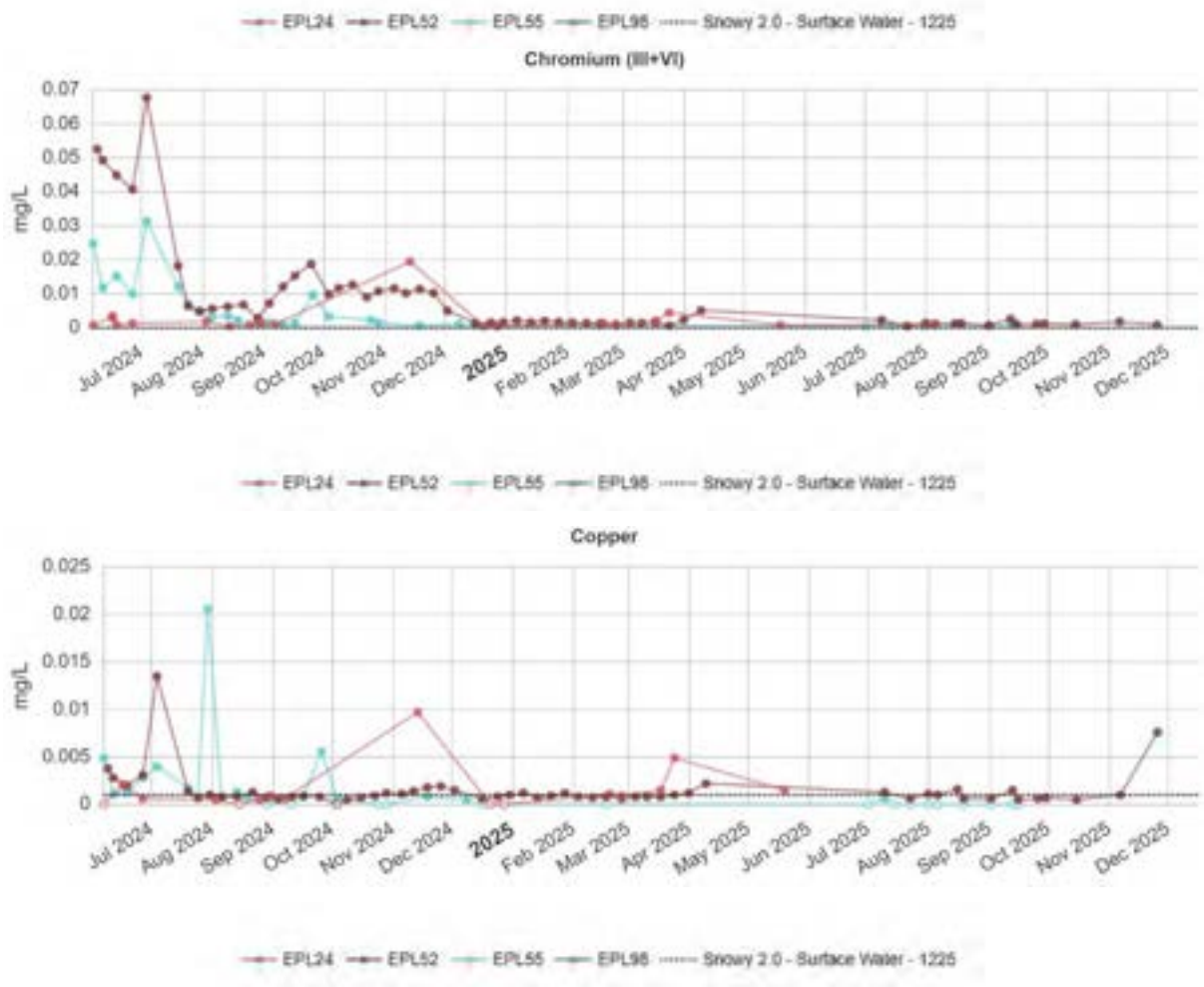

EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225
Arsenic (Filtered)
mg/L
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025

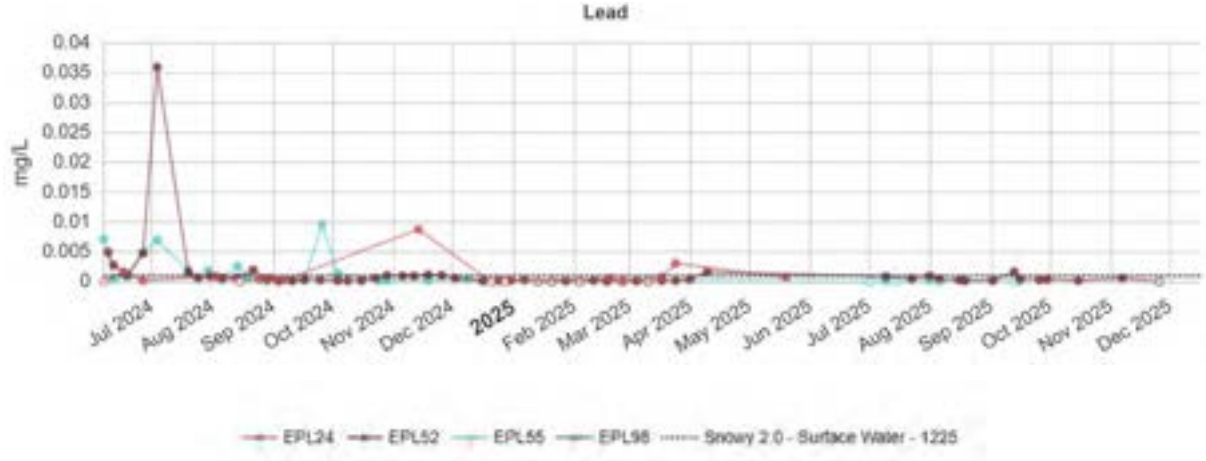

EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225
Chromium (III+VI) (Filtered)
mg/L
0.06
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225

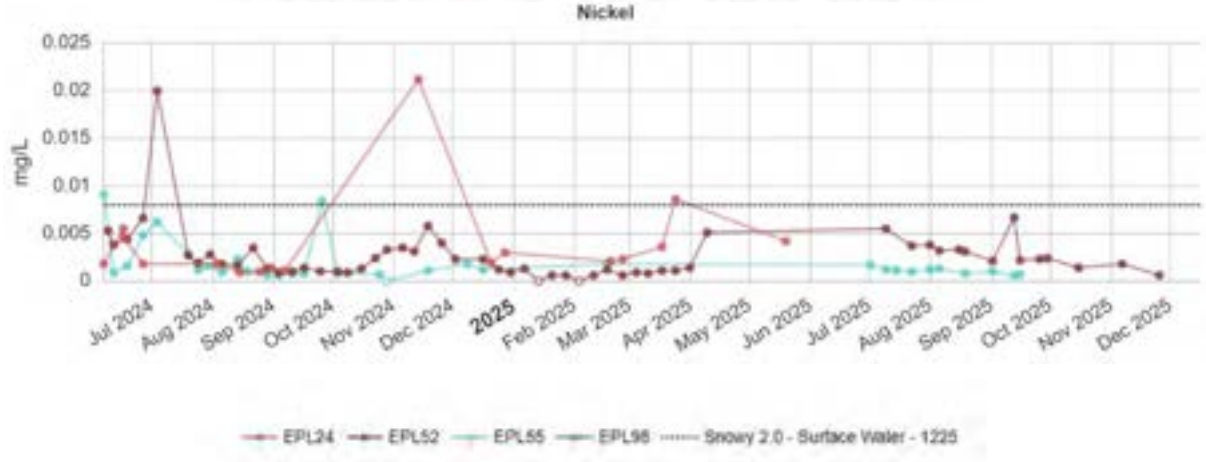

Phosphorus (Total)
mg/L
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225

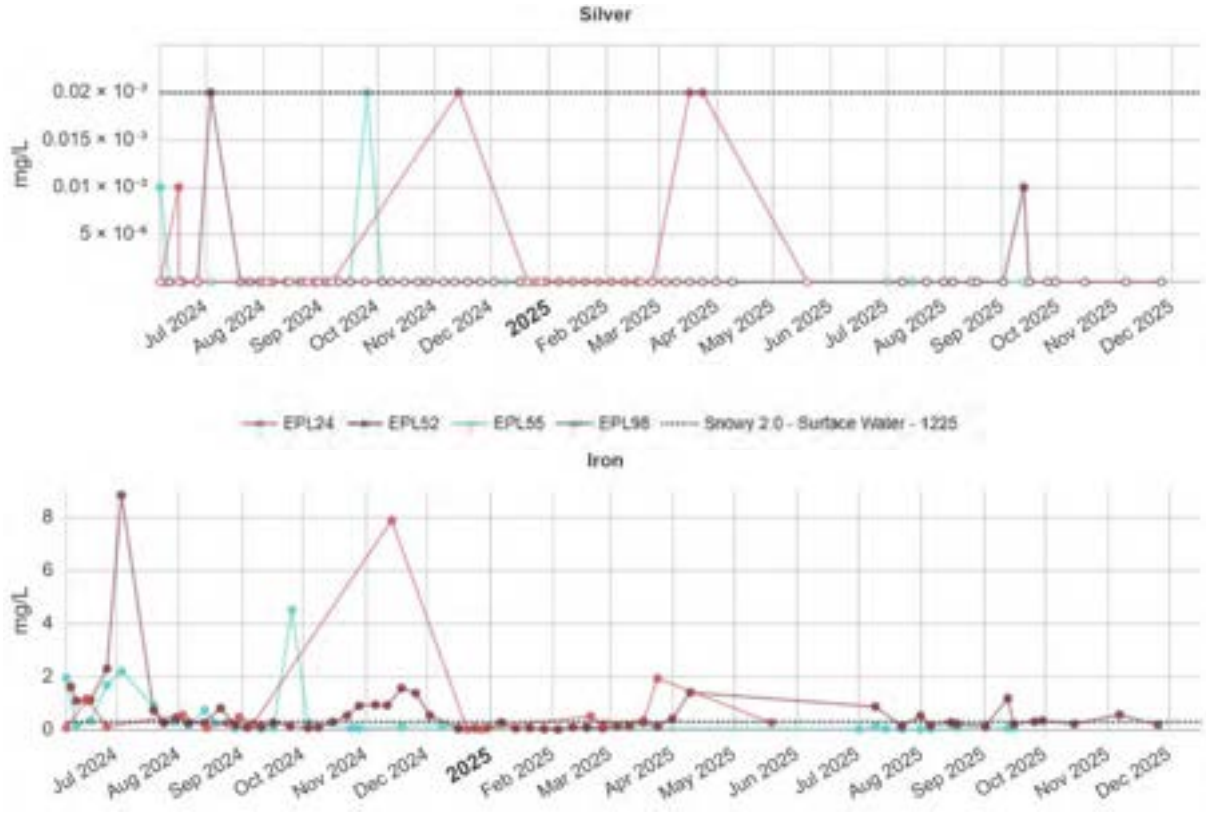

Ammonia as N
mg/L
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225


Nitrite (as NO2-)
mg/L
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225
Nitrite + Nitrate as N (NOx)
mg/L
100
80
60
40
20
0

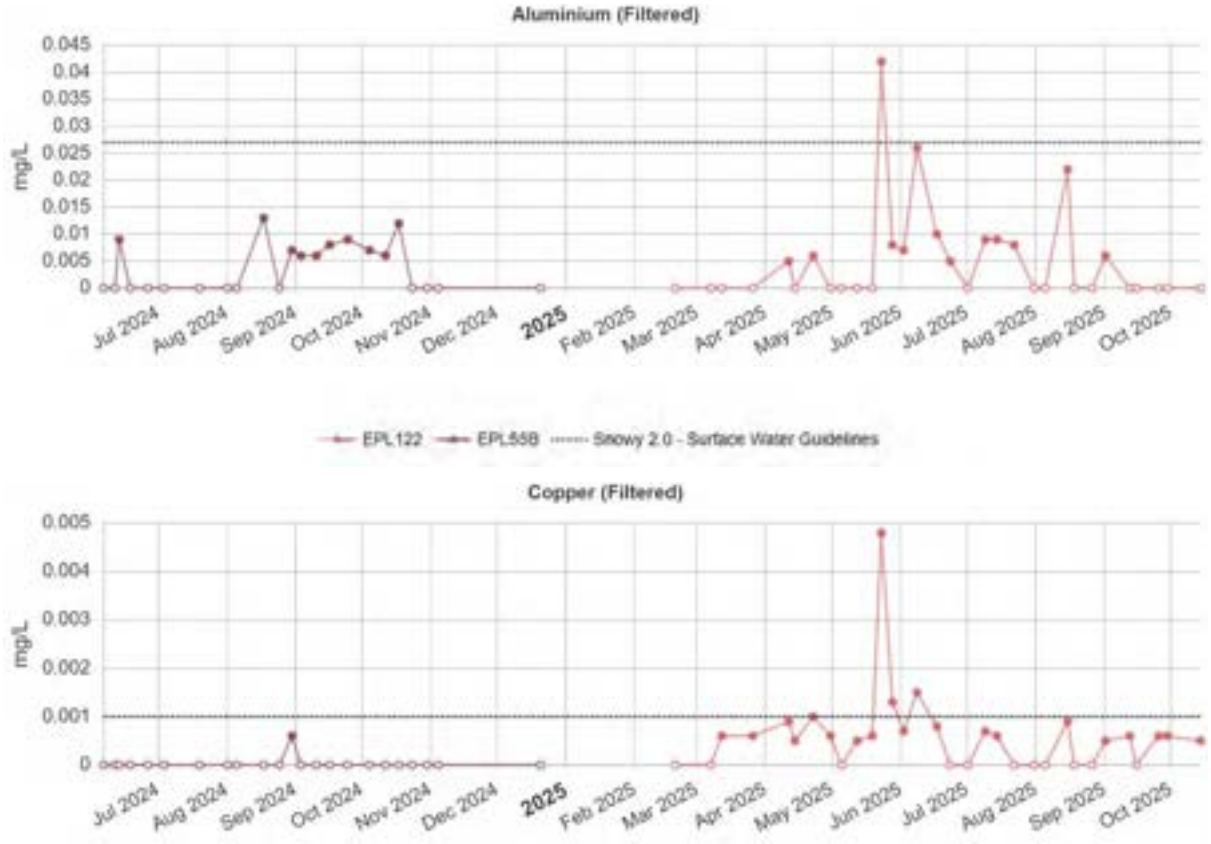

EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225
Chromium (III+VI)
mg/L
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225
Copper
mg/L
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225

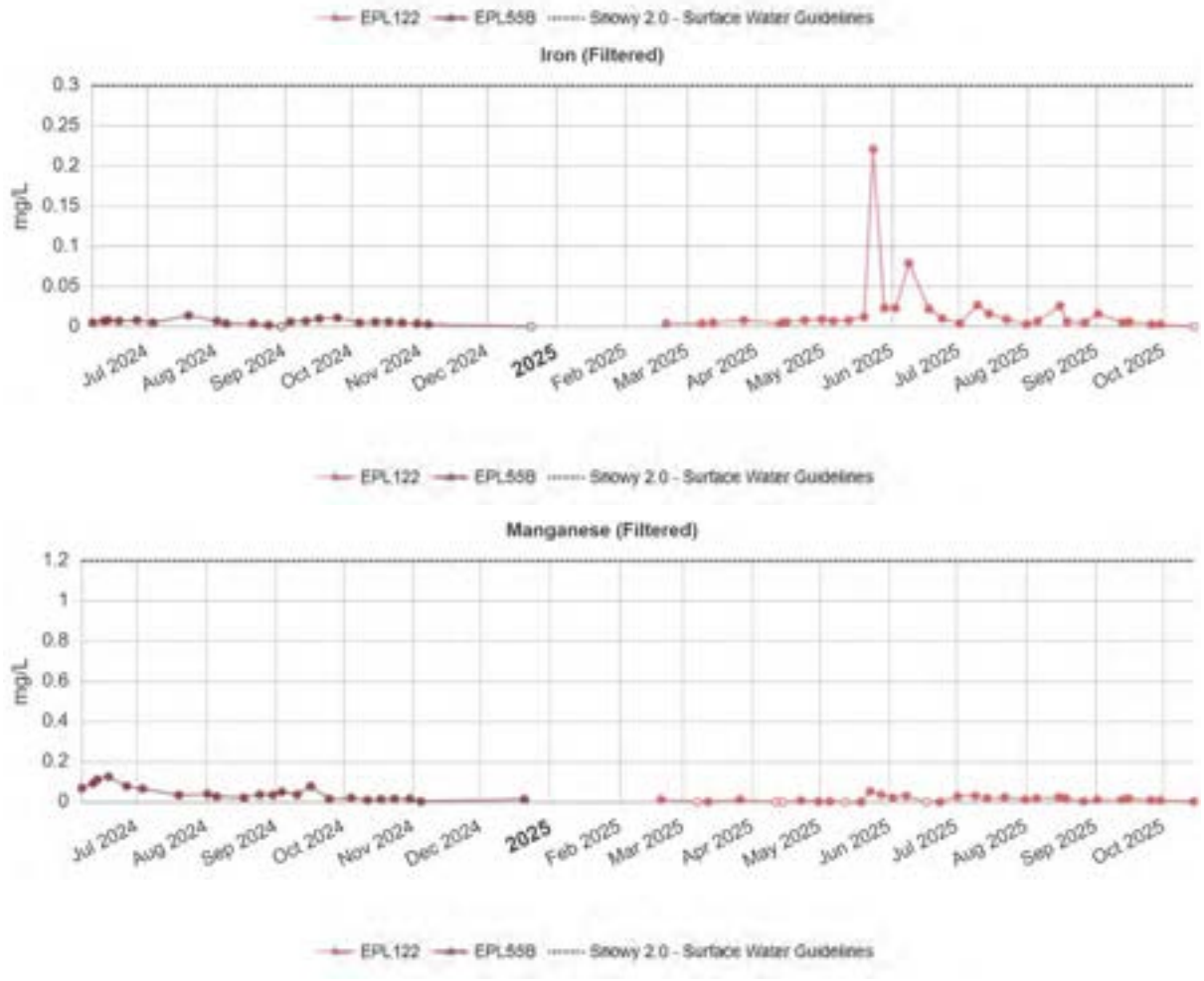

Lead
mg/L
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225

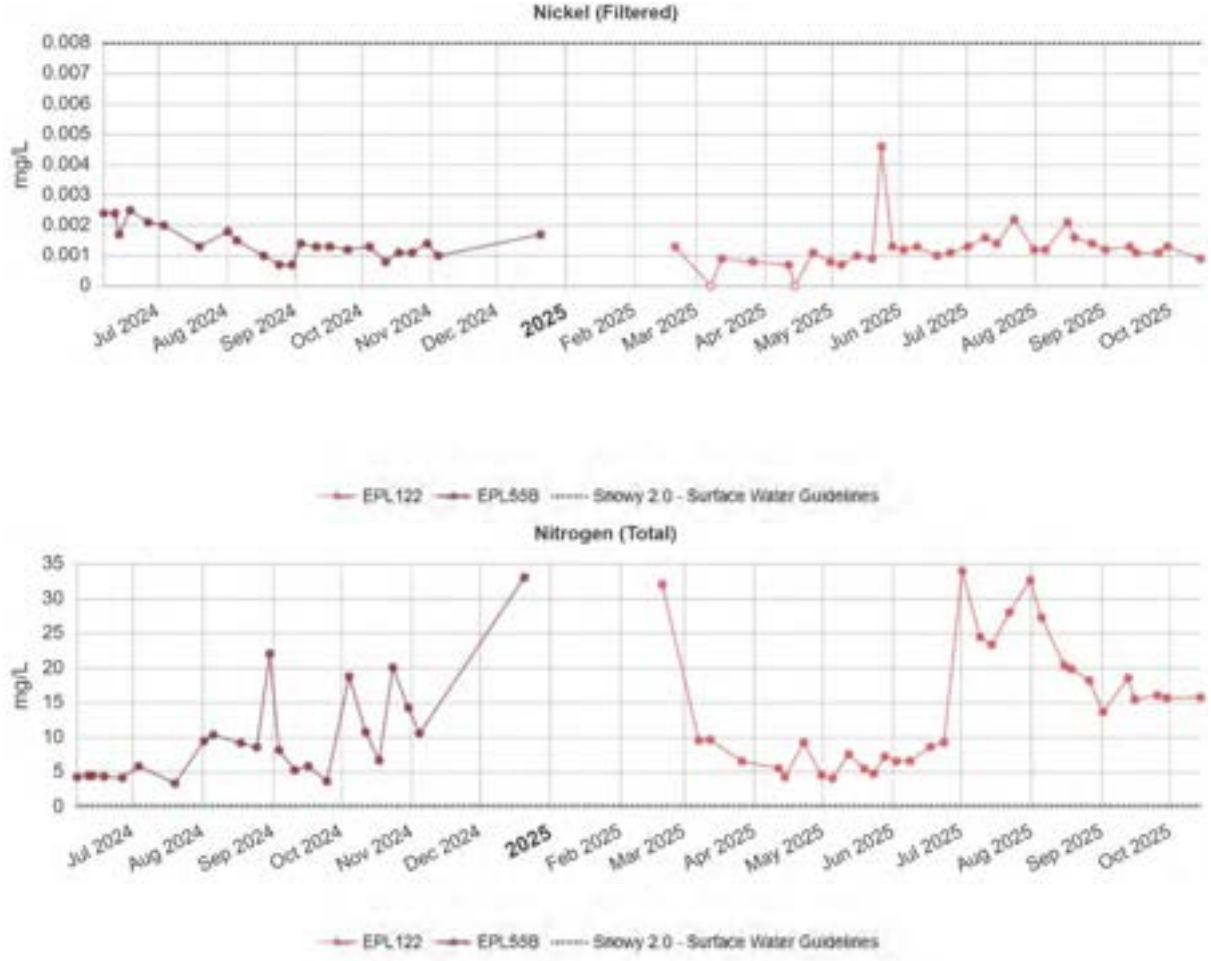

Nickel
mg/L
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225

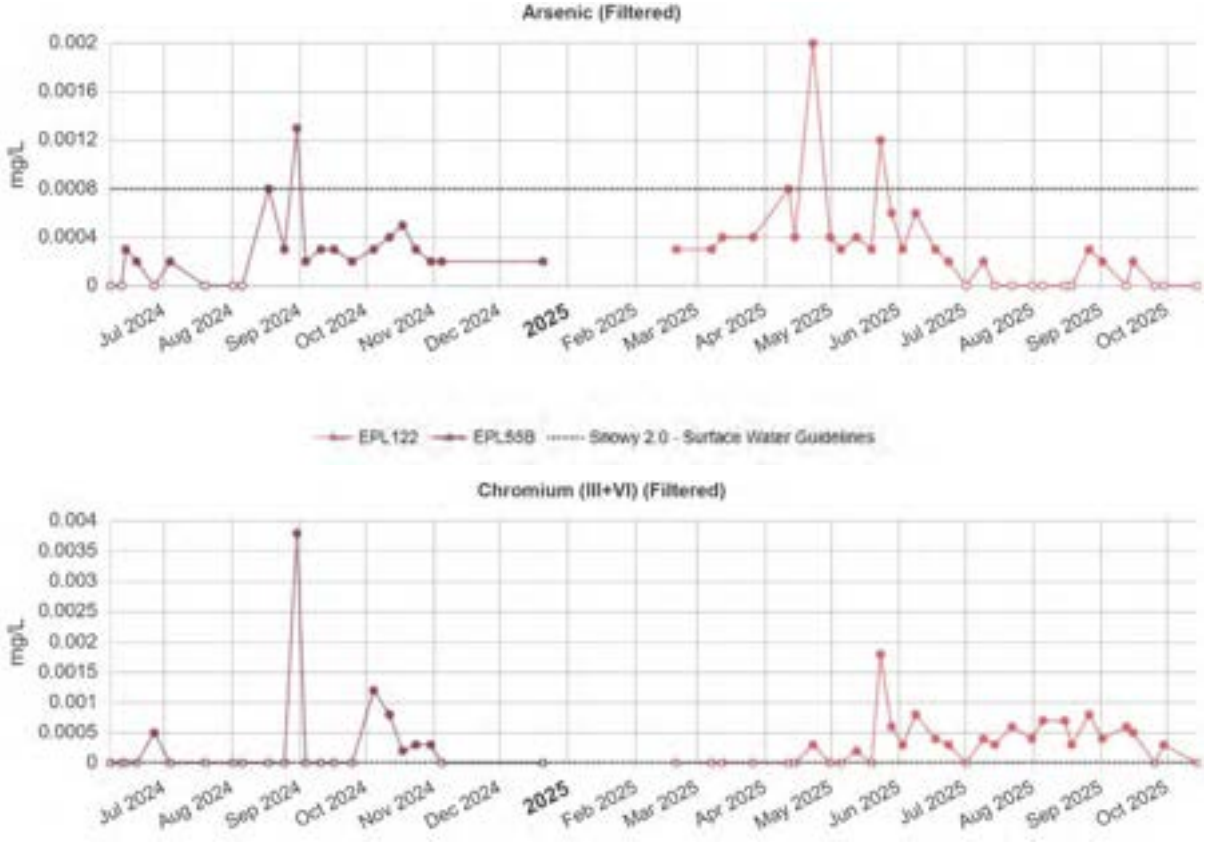

Silver
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225
Iron
mg/L
8
6
4
2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025

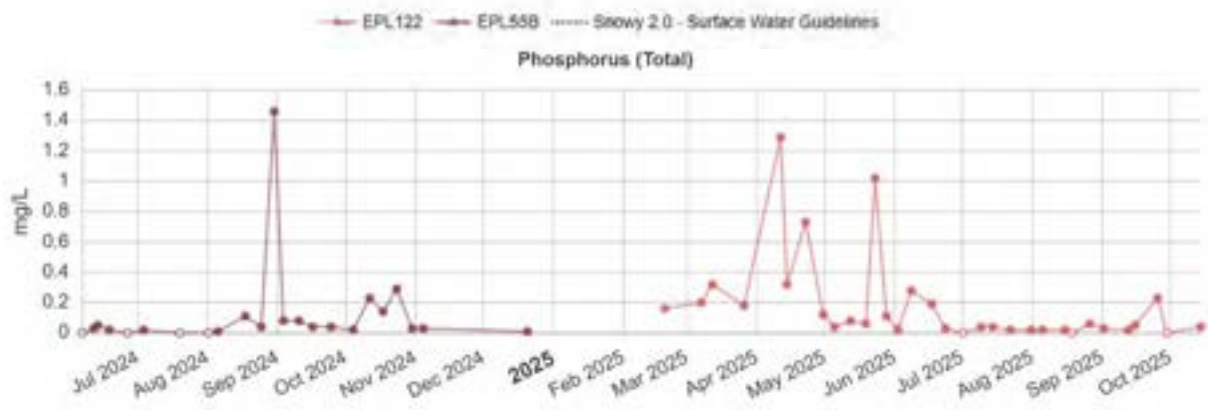
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225
Manganese
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL24
EPL52
EPL55
EPL98
Snowy 2.0 - Surface Water - 1225
Zinc
mg/L
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Dec 2025
EPL122
EPL55B
Snowy 2.0 - Surface Water Guidelines

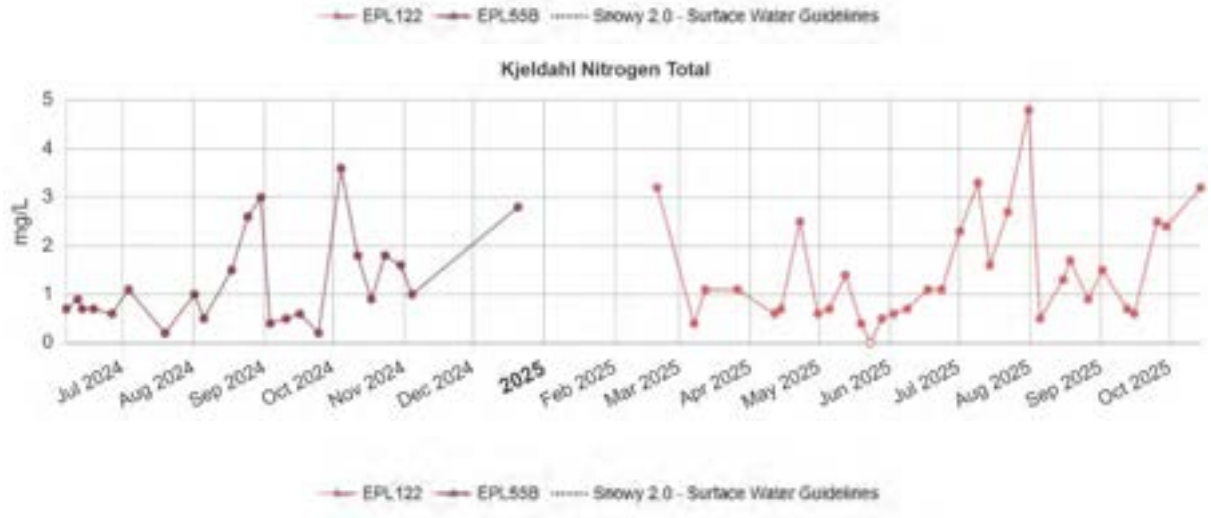

Aluminium (Filtered)
mg/L
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
EPL122
EPL55B
Snowy 2.0 - Surface Water Guidelines
Copper (Filtered)
mg/L
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025

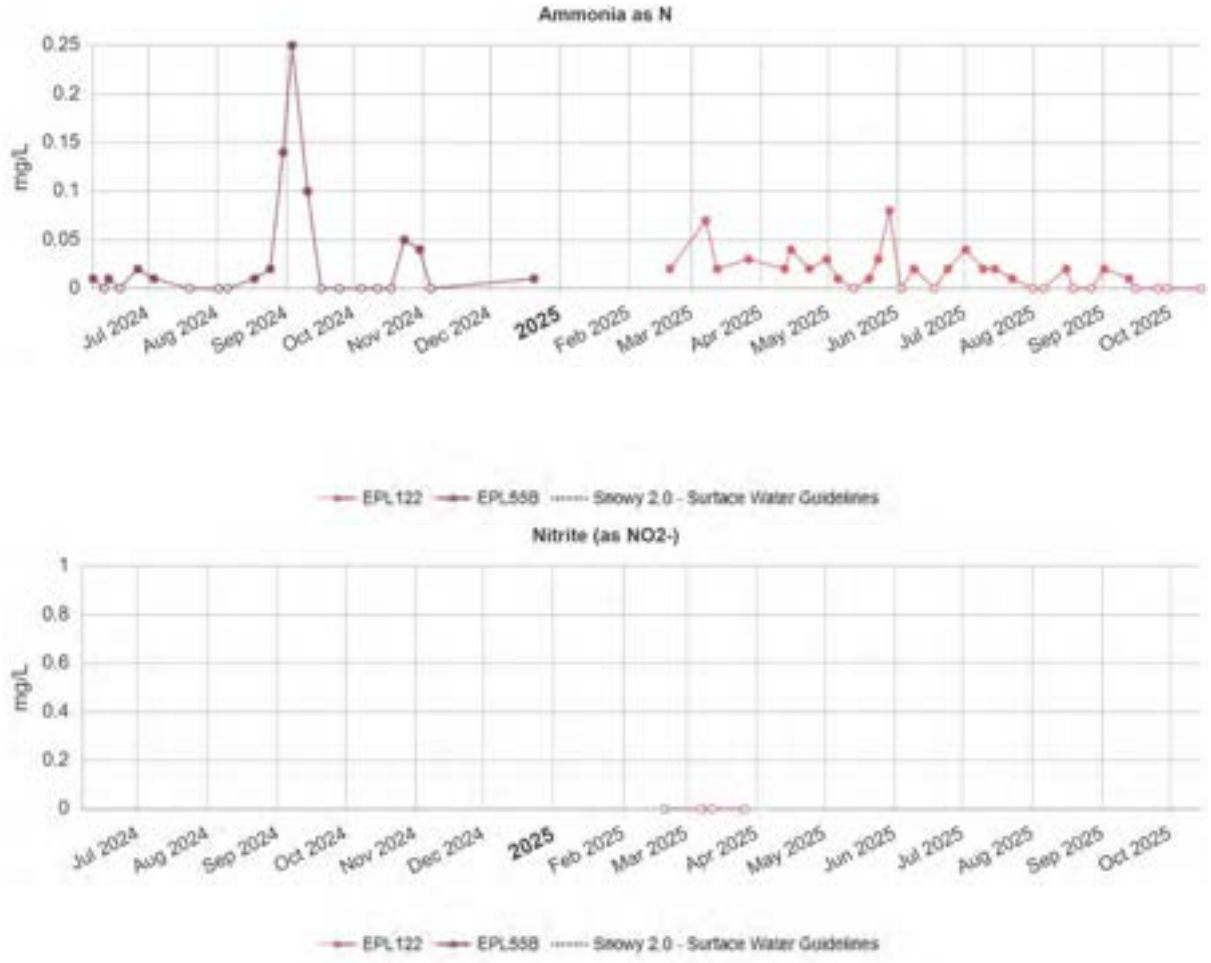

EPL122
EPL558
Snowy 2.0 - Surface Water Guidelines
Iron (Filtered)
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
EPL122
EPL558
Snowy 2.0 - Surface Water Guidelines
Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
EPL122
EPL558
Snowy 2.0 - Surface Water Guidelines

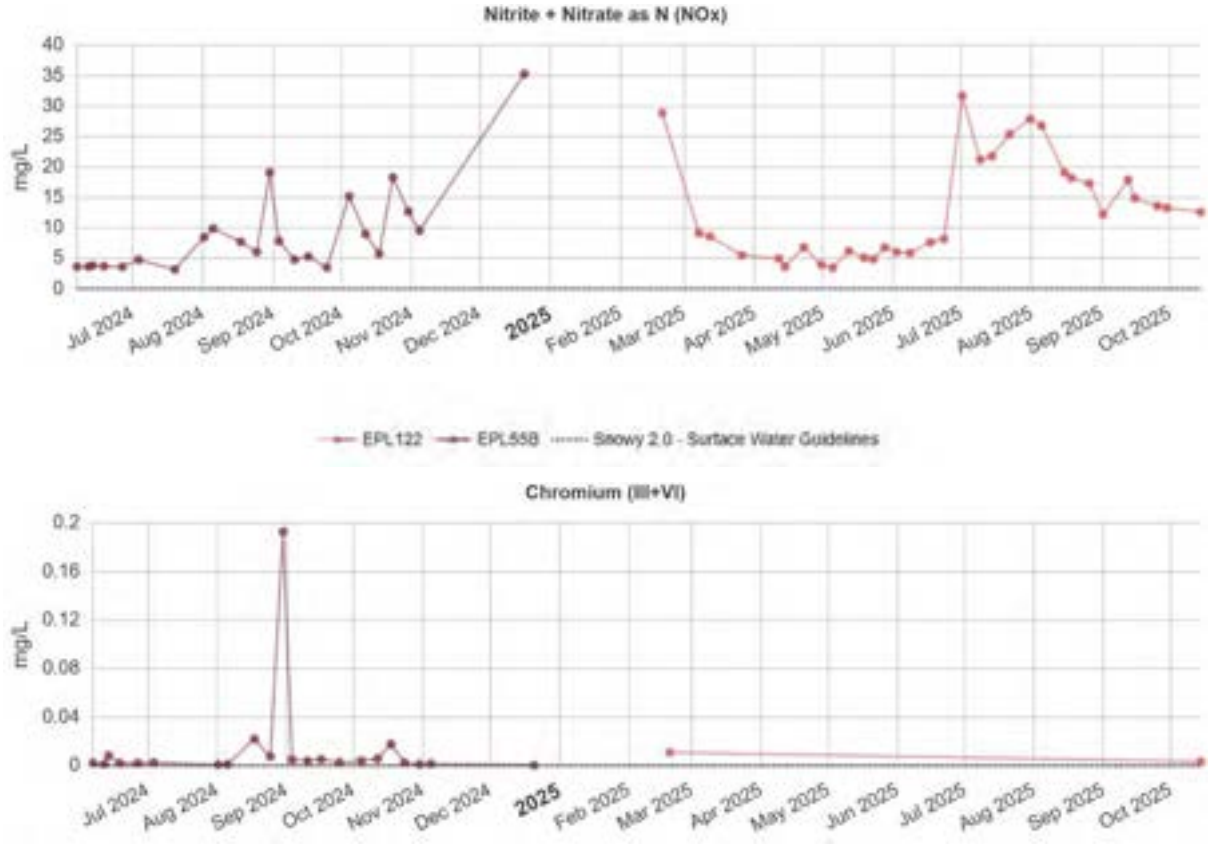

Nickel (Filtered)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
EPL122
EPL55B
Snowy 2.0 - Surface Water Guidelines
Nitrogen (Total)
mg/L
35
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
EPL122
EPL55B
Snowy 2.0 - Surface Water Guidelines

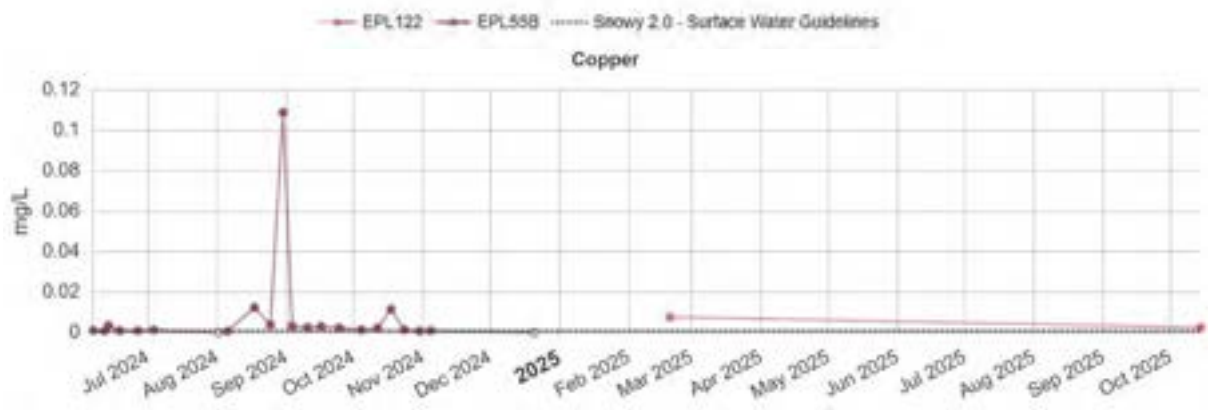

Arsenic (Filtered)
mg/L
0.002
0.0016
0.0012
0.0008
0.0004
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
EPL122
EPL55B
Snowy 2.0 - Surface Water Guidelines
Chromium (III+VI) (Filtered)
mg/L
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025


EPL122
EPL55B
Snowy 2.0 - Surface Water Guidelines
Phosphorus (Total)
mg/L
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025

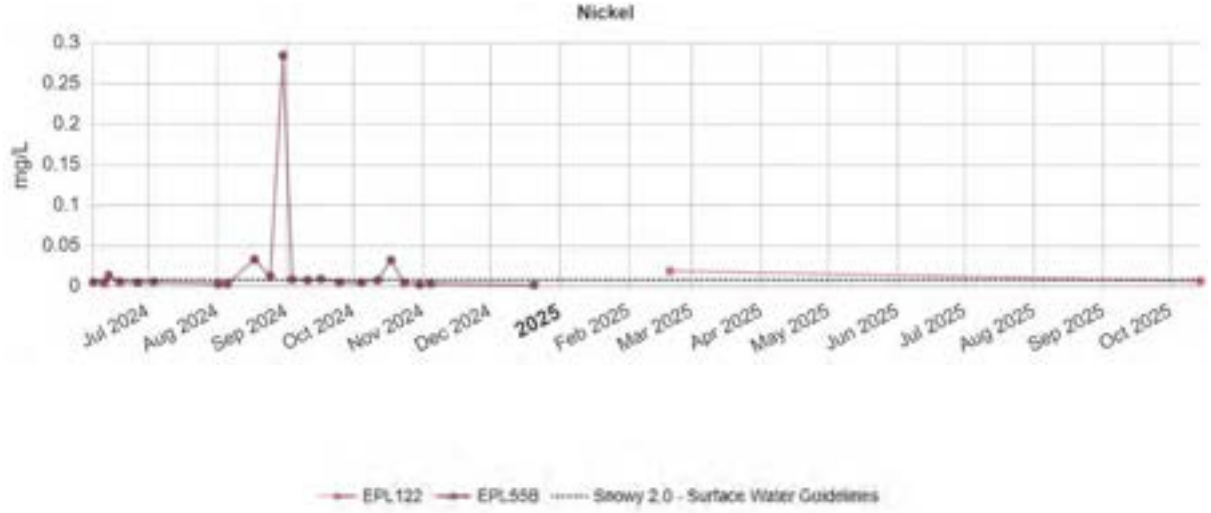

EPL122
EPL55B
Snowy 2.0 - Surface Water Guidelines
Kjeldahl Nitrogen Total
mg/L
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025

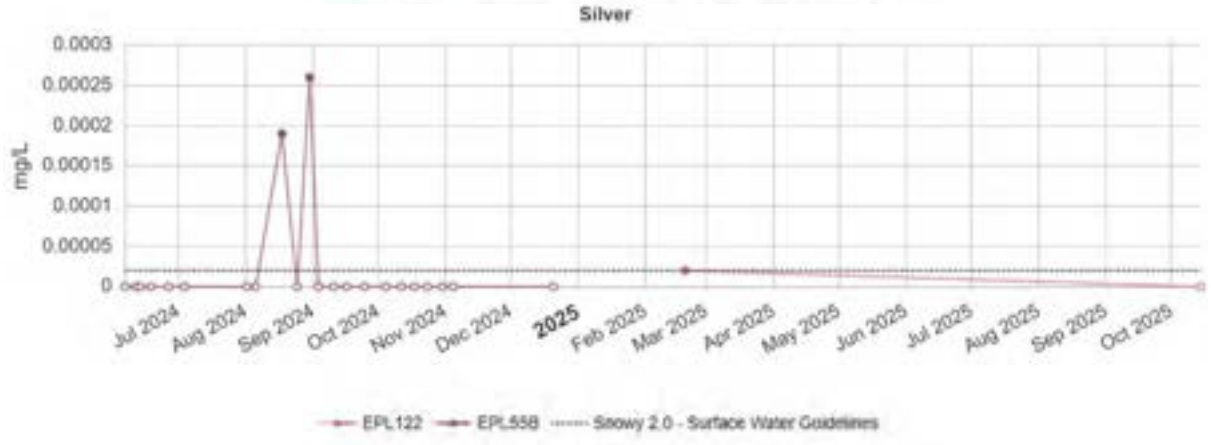

Ammonia as N
mg/L
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
EPL122
EPL558
Snowy 2.0 - Surface Water Guidelines
Nitrite (as NO2-)
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
EPL122
EPL558
Snowy 2.0 - Surface Water Guidelines

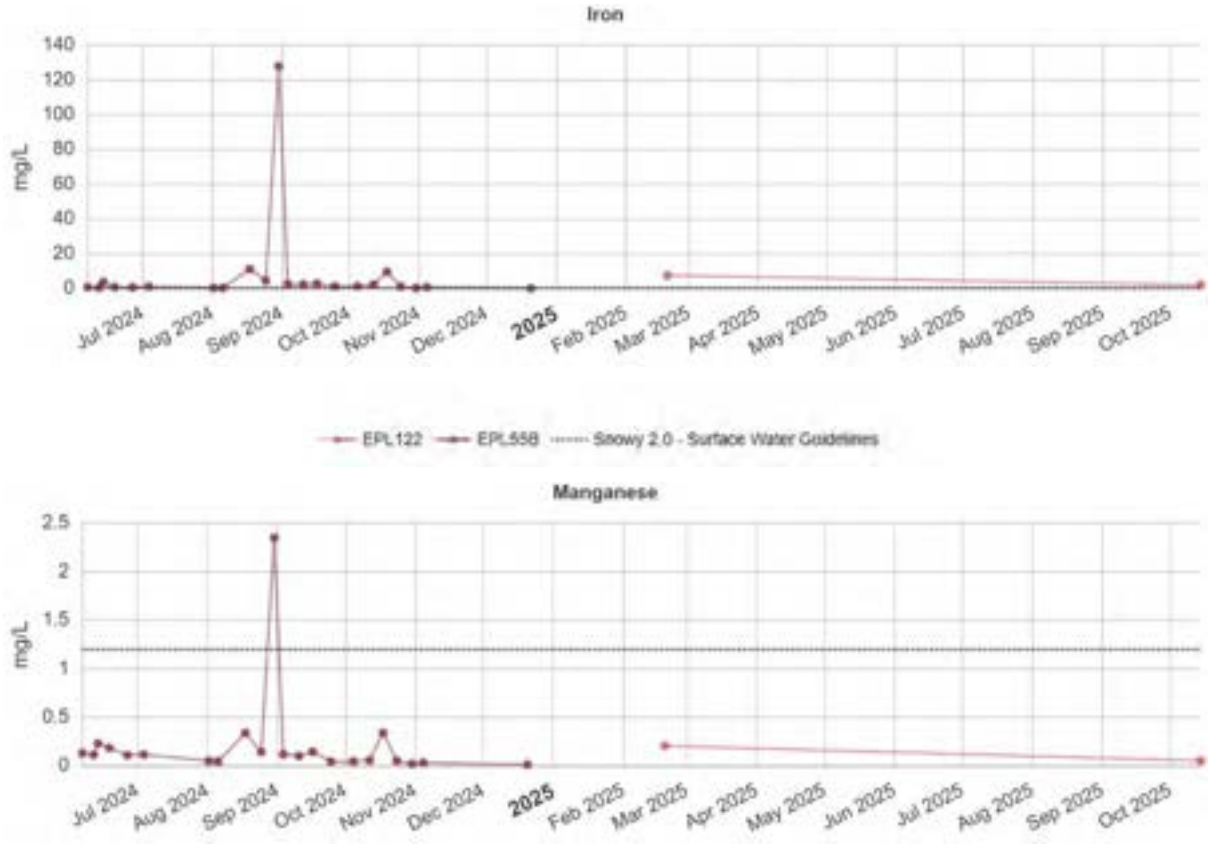

Nitrite + Nitrate as N (NOx)
mg/L
40
35
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
EPL122
EPL55B
Stowy 2.0 - Surface Water Guidelines
Chromium (III+VI)
mg/L
0.2
0.16
0.12
0.08
0.04
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025


EPL122
EPL558
Snowy 2.0 - Surface Water Guidelines
Copper
mg/L
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025

EPL122
EPL558
Snowy 2.0 - Surface Water Guidelines
Lead
mg/L
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
EPL122
EPL558
Snowy 2.0 - Surface Water Guidelines


Nickel
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
EPL122
EPL558
Snowy 2.0 - Surface Water Guidelines


Silver
mg/L
0.0003
0.00025
0.0002
0.00015
0.0001
0.00005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
EPL122
EPL558
Snowy 2.0 - Surface Water Guidelines


Iron
mg/L
140
120
100
80
60
40
20
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
EPL122
EPL558
Snowy 2.0 - Surface Water Guidelines
Manganese
mg/L
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
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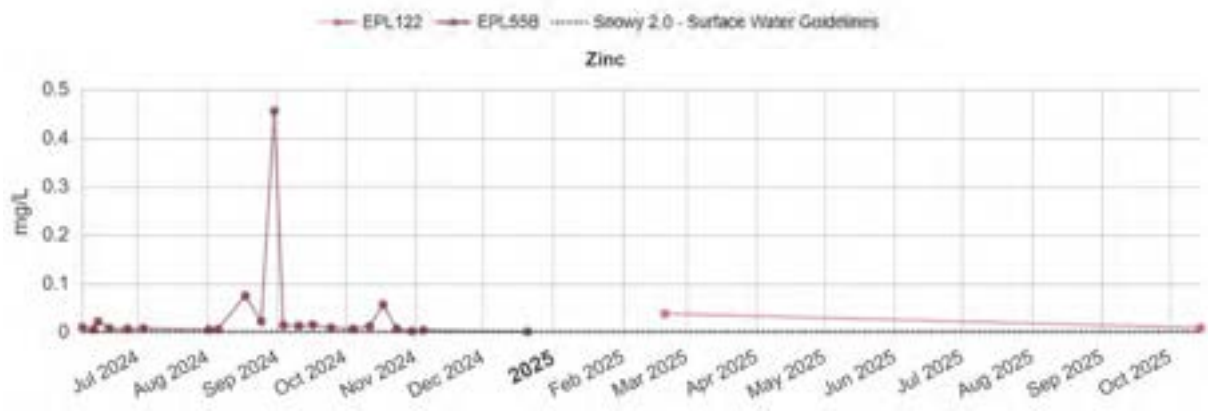
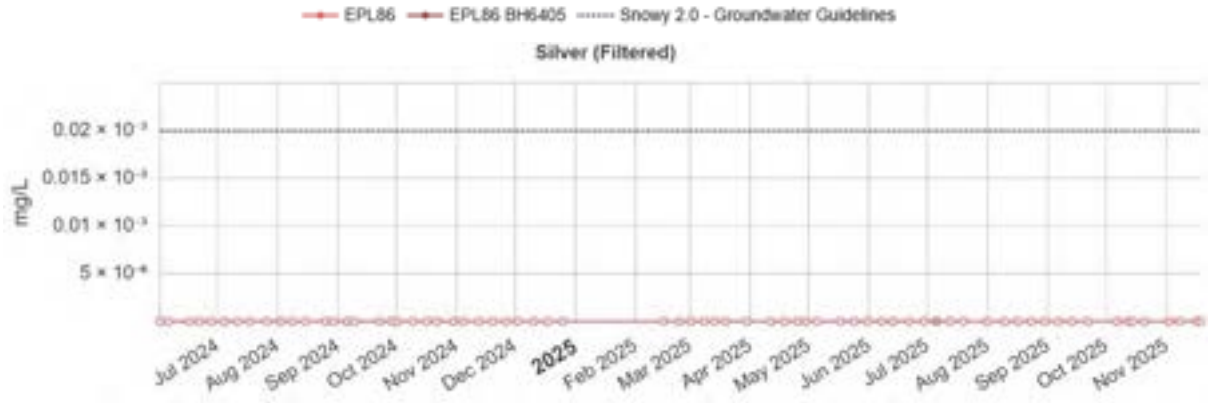
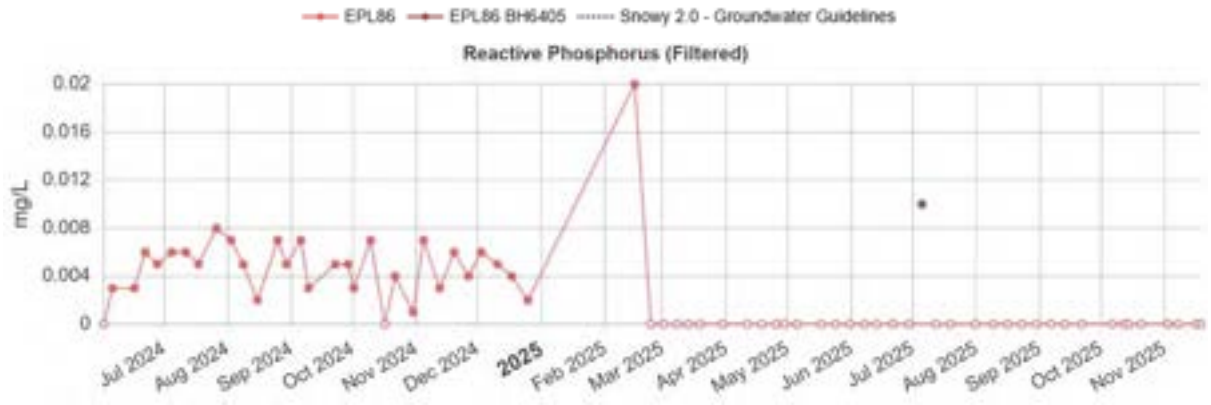
Sep 2025
Oct 2025

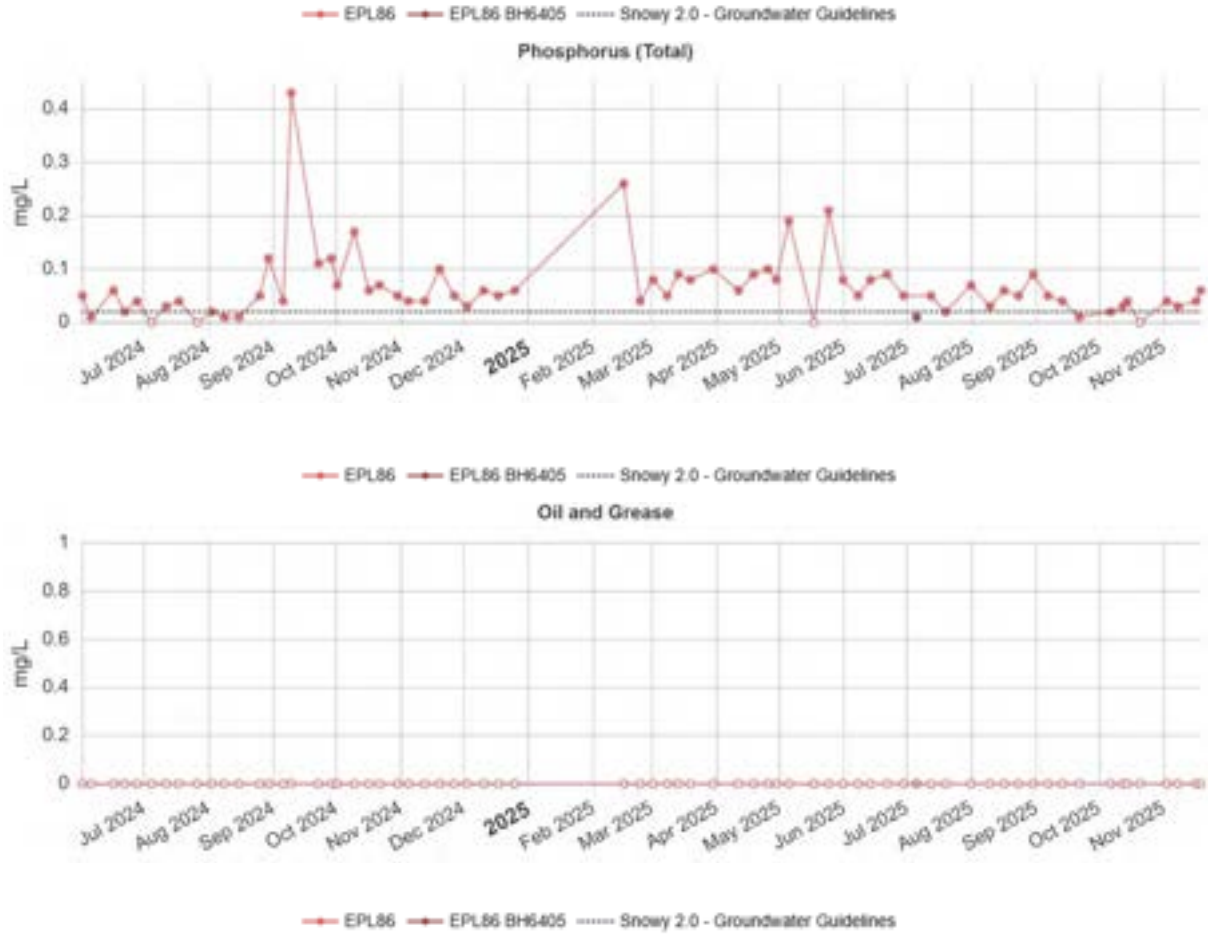

EPL122
EPL558
Snowy 2.0 - Surface Water Guidelines
Zinc
mg/L
0.5
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025

Mainyard

It is noted there are occurrences of doble reporting of locations. This is an ESdat migration error currently being addressed by their technical department in consultation with Project data advisors.






EPL86
EPL86 BH6405
Snowy 2.0 - Groundwater Guidelines
Phosphorus (Total)
mg/L
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL86
EPL86 BH6405
Snowy 2.0 - Groundwater Guidelines
Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
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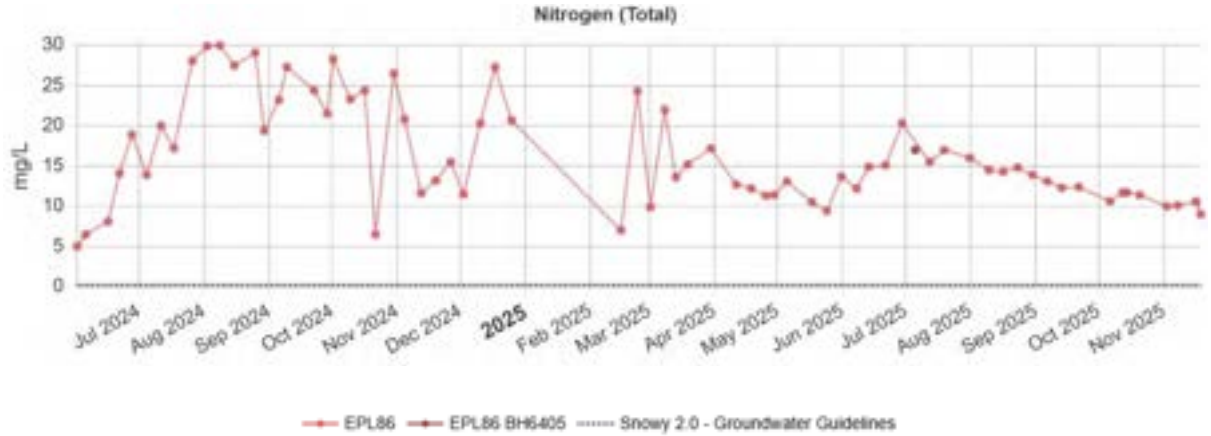
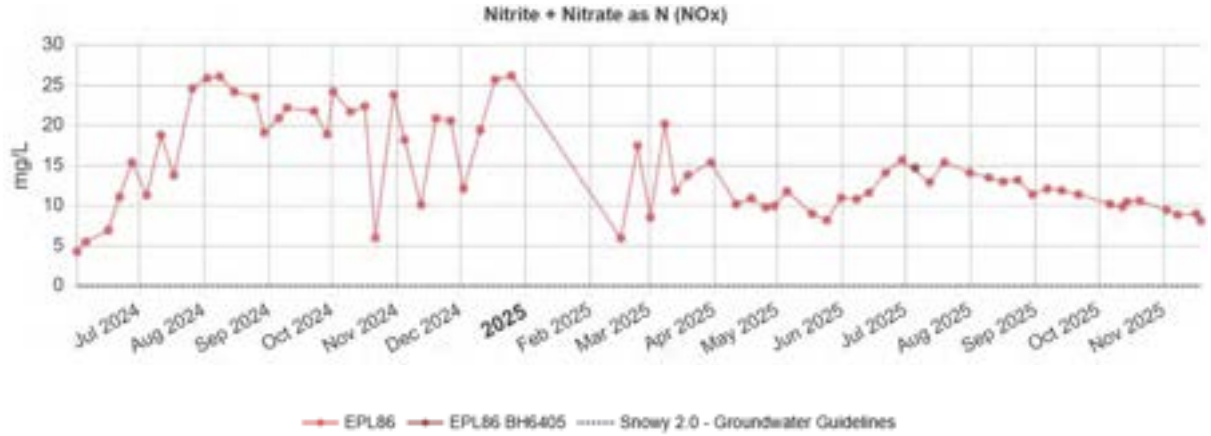
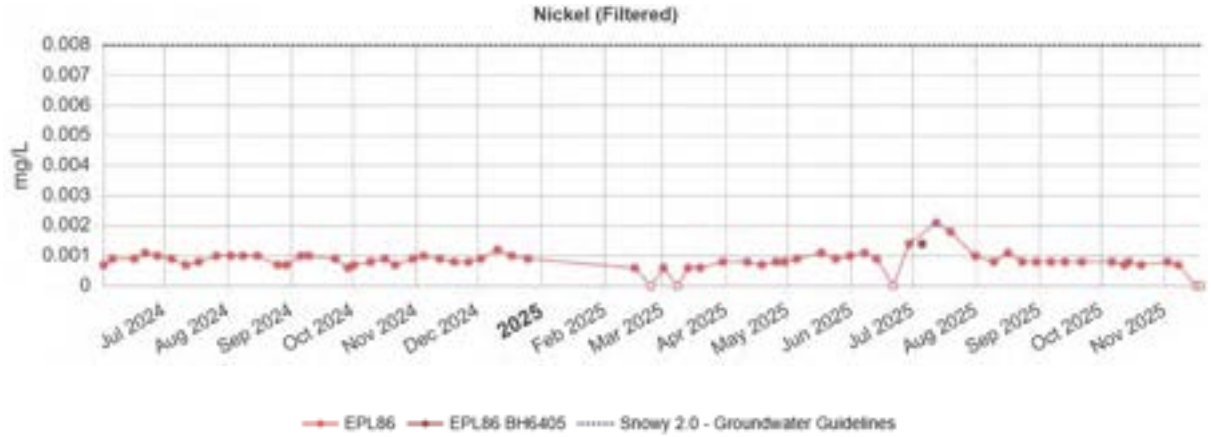
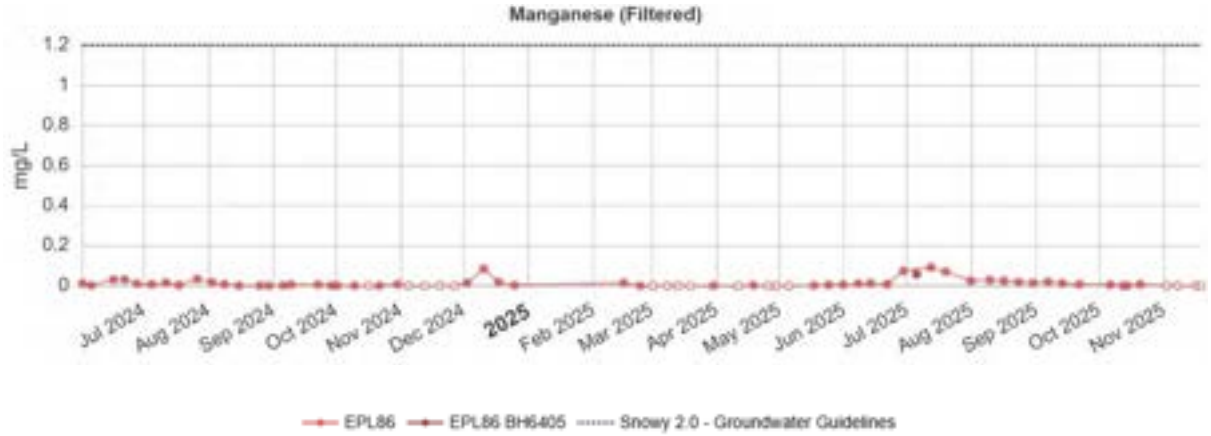
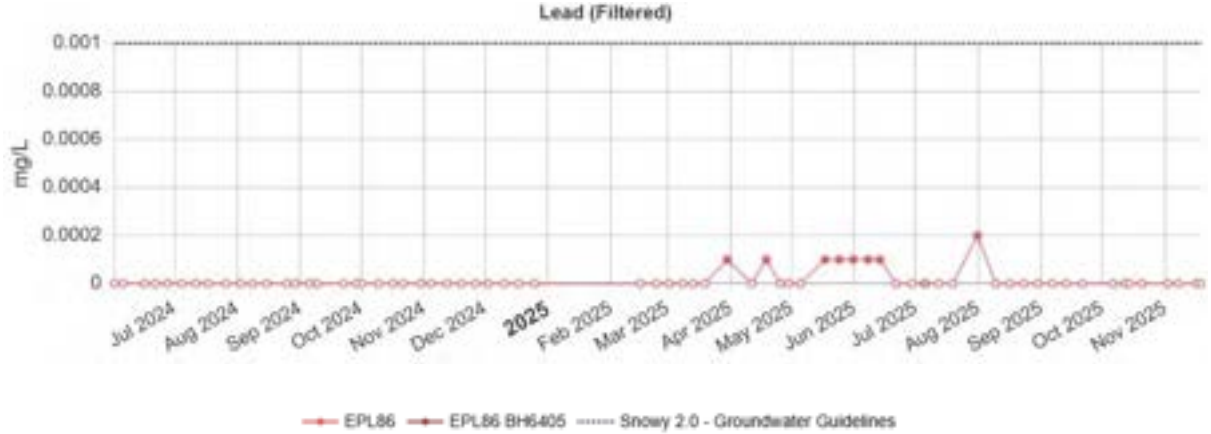
Oct 2025
Nov 2025
EPL86
EPL86 BH6405
Snowy 2.0 - Groundwater Guidelines

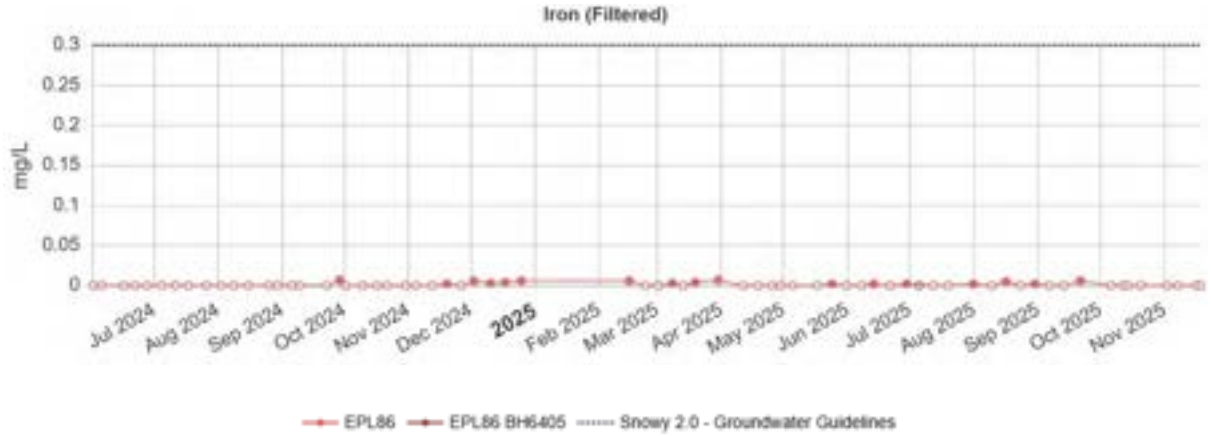

Nitrogen (Total)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL86
EPL86 BH6405
Snowy 2.0 - Groundwater Guidelines

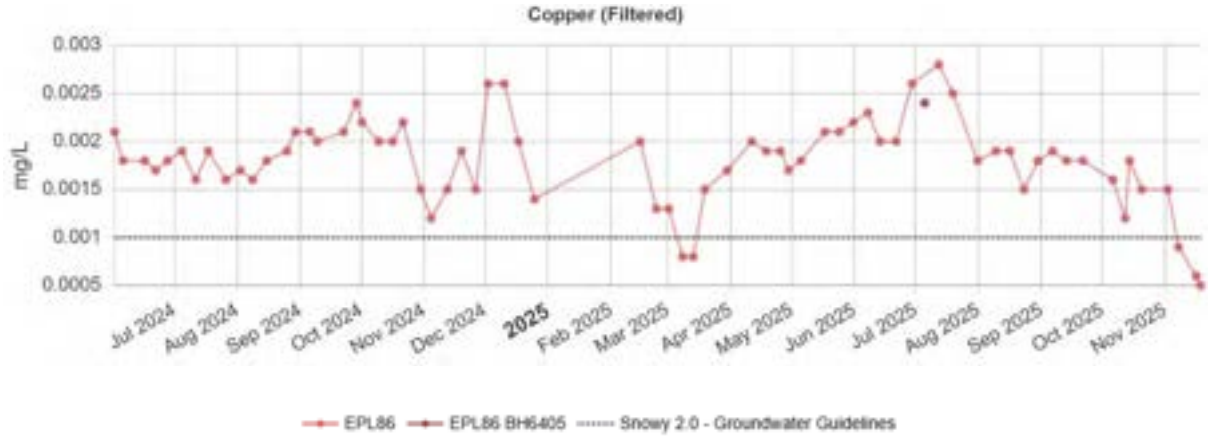

Nitrite + Nitrate as N (NOx)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL86
EPL86 BH6405
Snowy 2.0 - Groundwater Guidelines

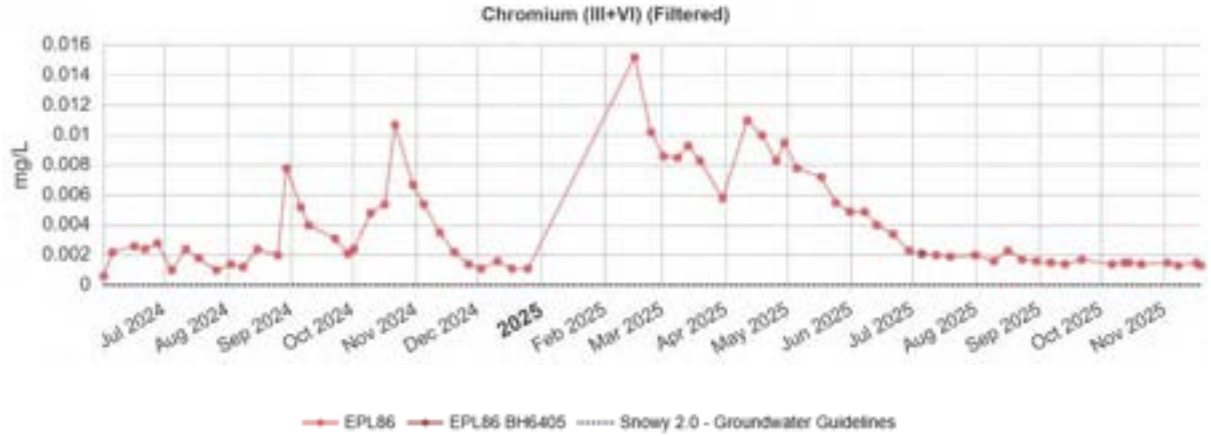

Nickel (Filtered)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL86
EPL86 BH6405
Snowy 2.0 - Groundwater Guidelines

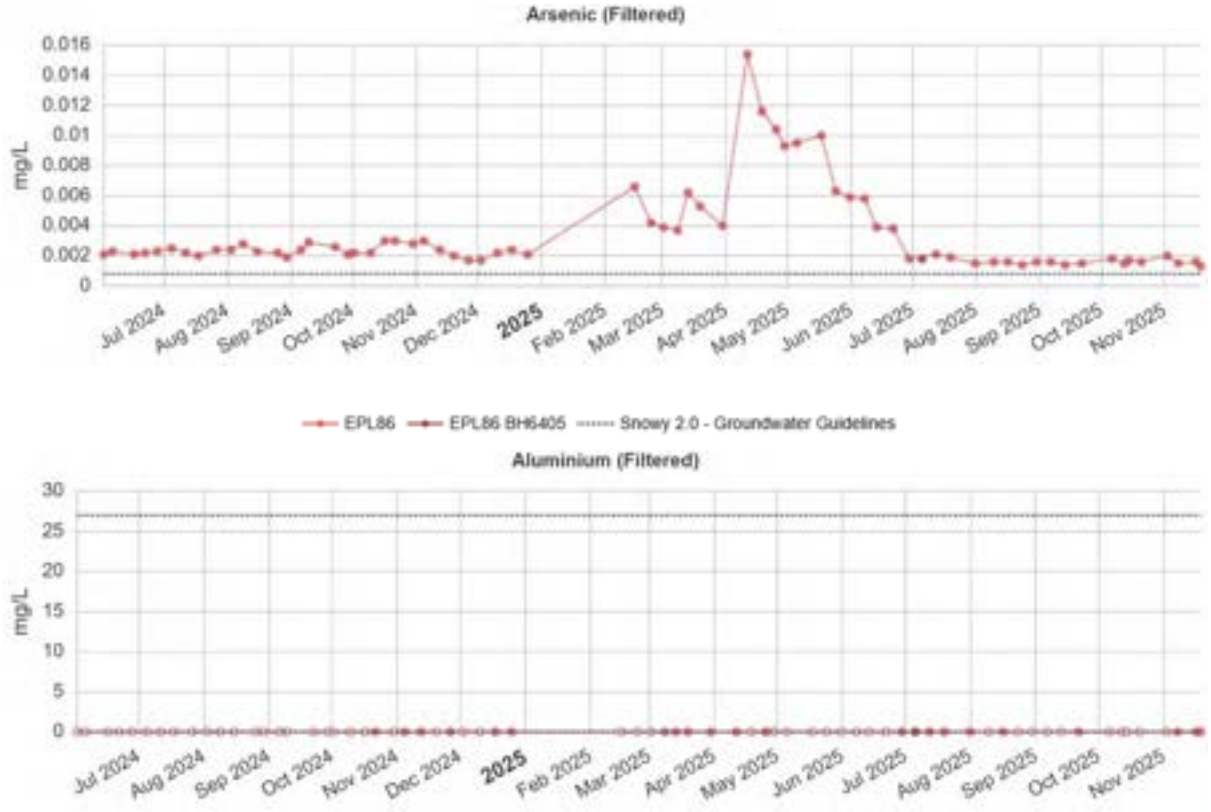

Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL86
EPL86 BH6405
Snowy 2.0 - Groundwater Guidelines

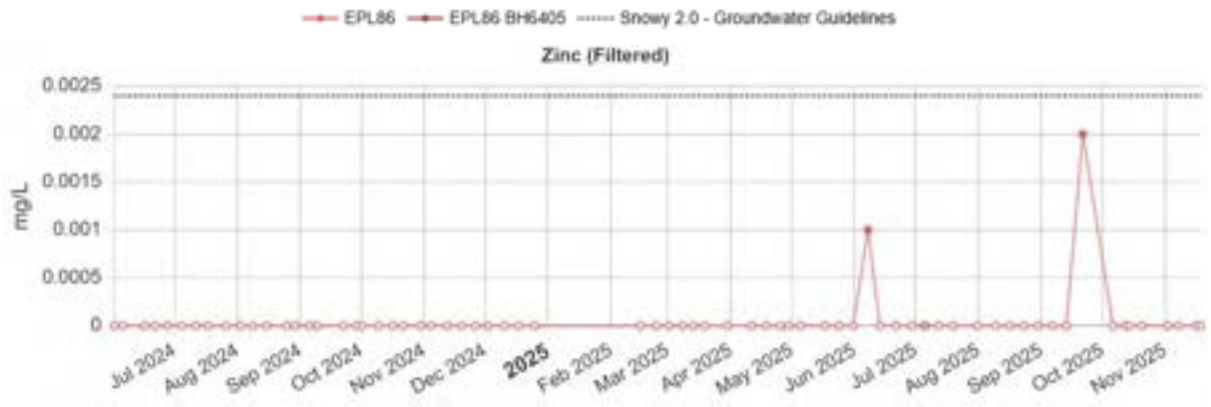

Lead (Filtered)
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL86
EPL86 BH6405
Snowy 2.0 - Groundwater Guidelines

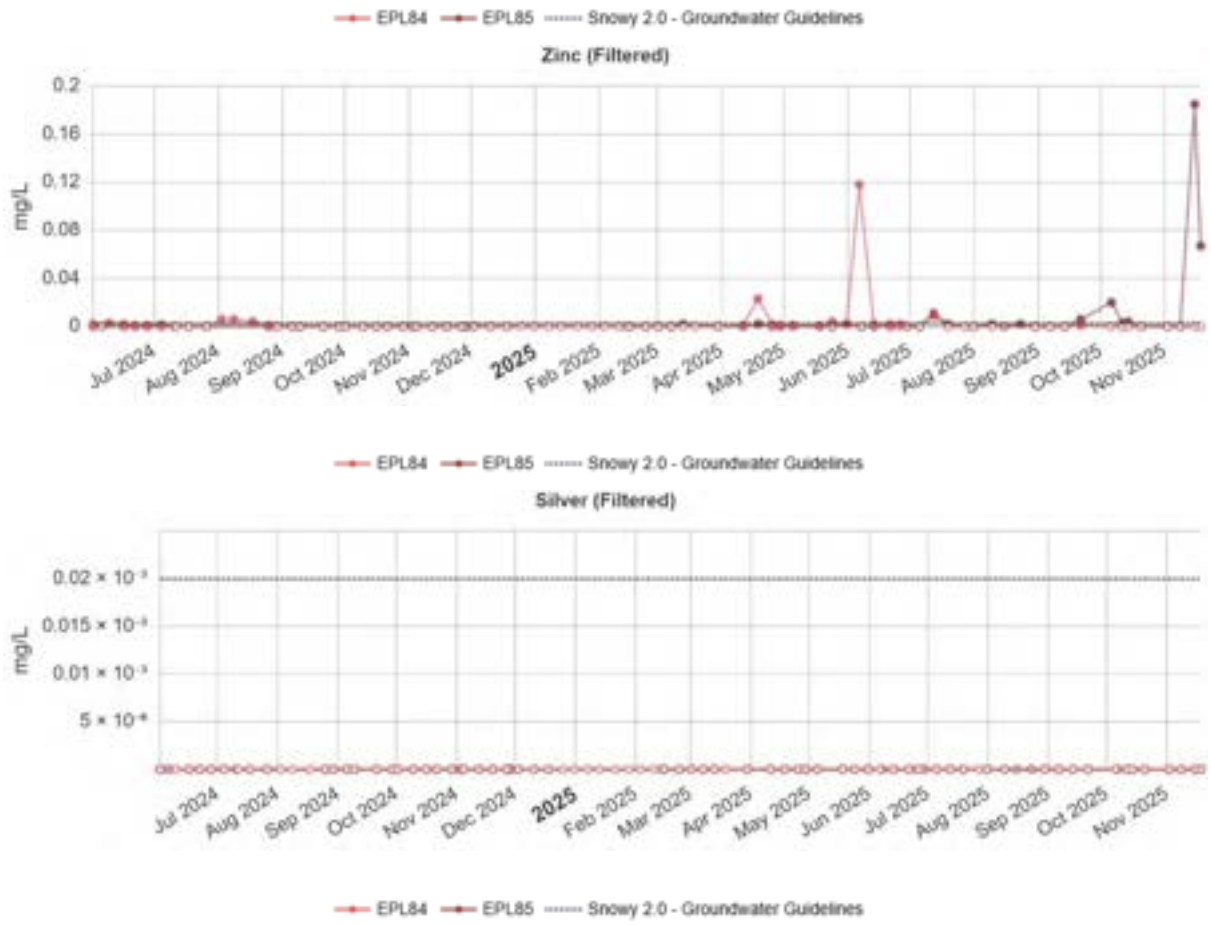

Iron (Filtered)
0.3
0.25
0.2
0.15
0.1
0.05
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL86
EPL86 BH6405
Snowy 2.0 - Groundwater Guidelines

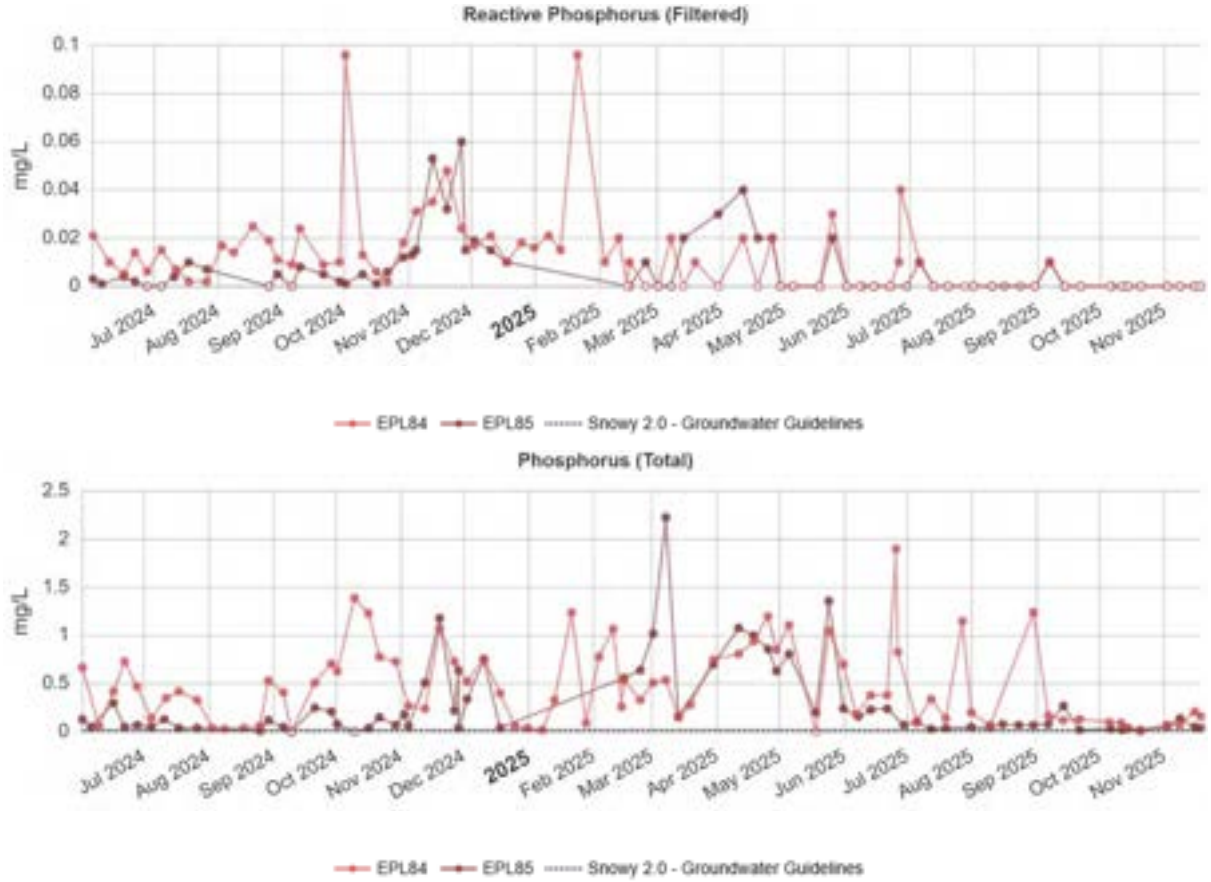

Copper (Filtered)
mg/L
0.003
0.0025
0.002
0.0015
0.001
0.0005
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL86
EPL86 BH6405
Snowy 2.0 - Groundwater Guidelines

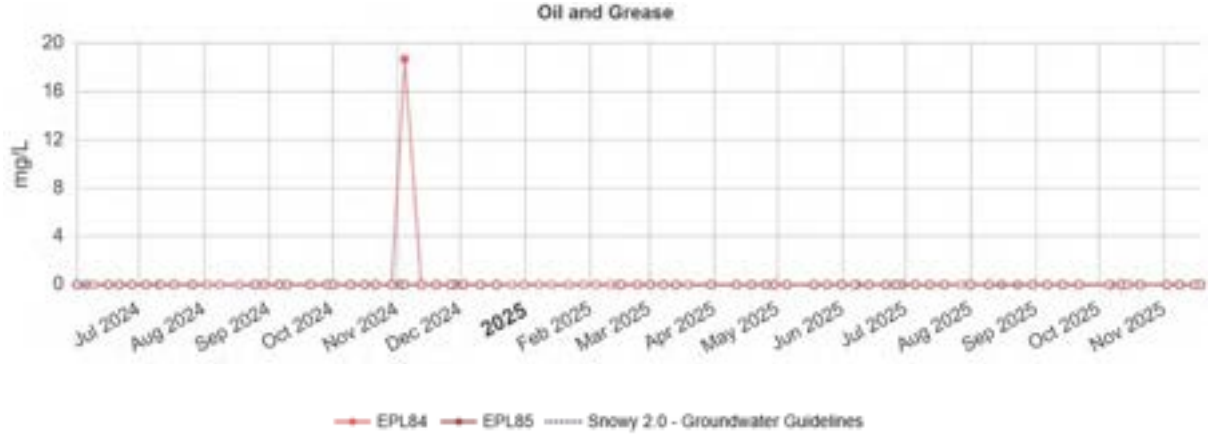

Chromium (III+VI) (Filtered)
mg/L
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL86
EPL86 BH6405
Snowy 2.0 - Groundwater Guidelines

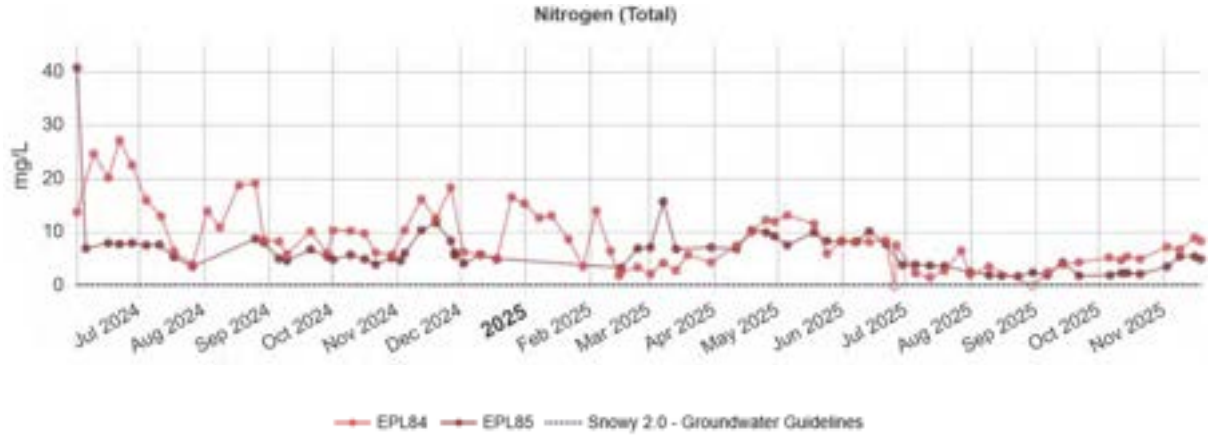

Arsenic (Filtered)
mg/L
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL86
EPL86 BH6405
Snowy 2.0 - Groundwater Guidelines
Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL86
EPL86 BH6405
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
mg/L
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

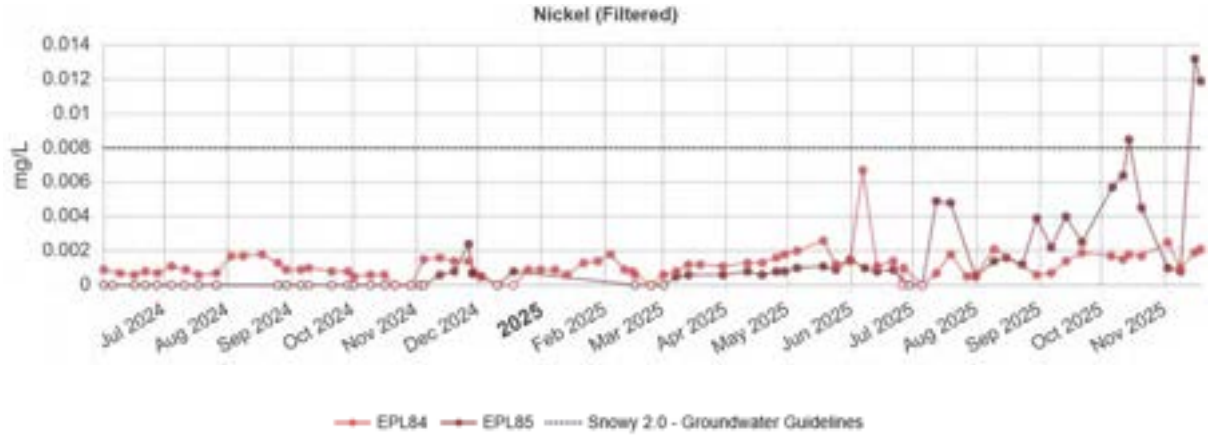

EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
mg/L
0.2
0.16
0.12
0.08
0.04
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines
Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines

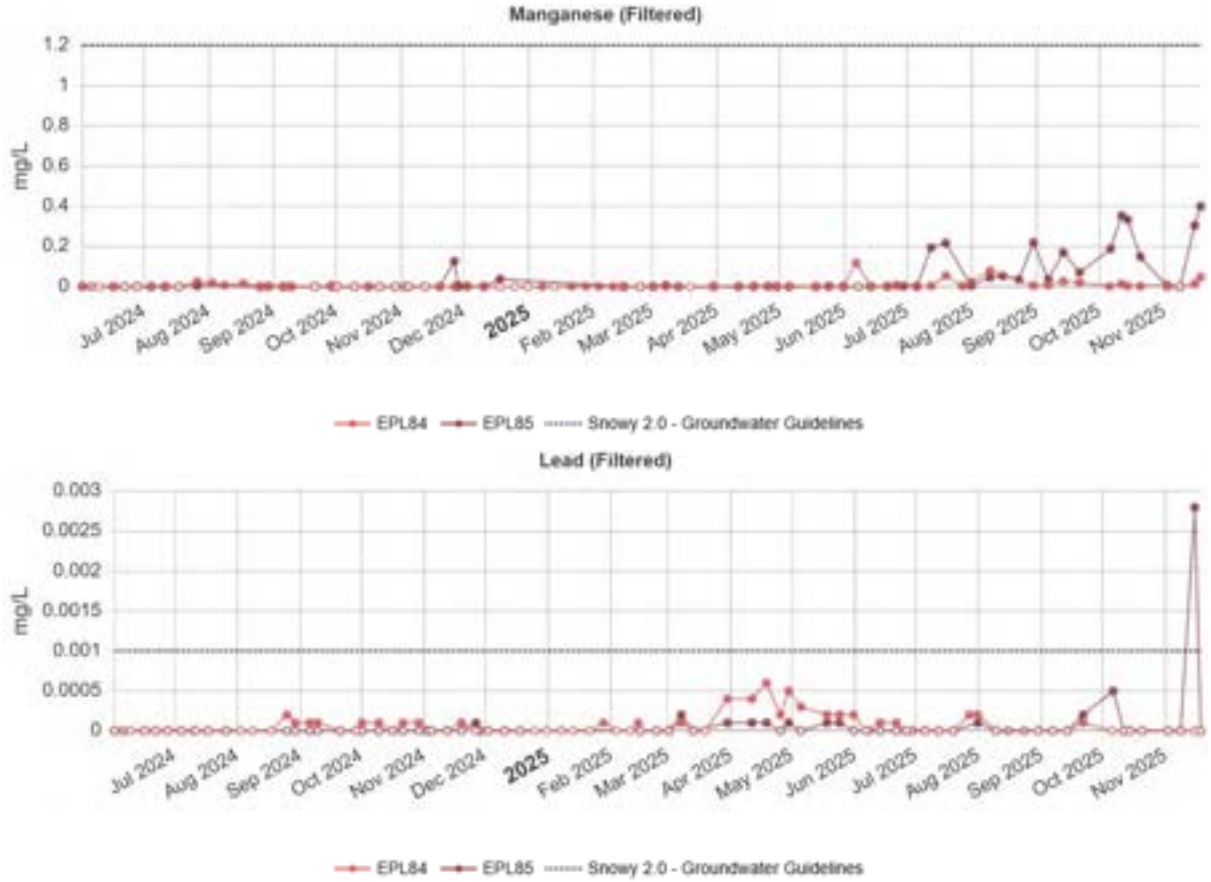

Reactive Phosphorus (Filtered)
mg/L
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines
Phosphorus (Total)
mg/L
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines

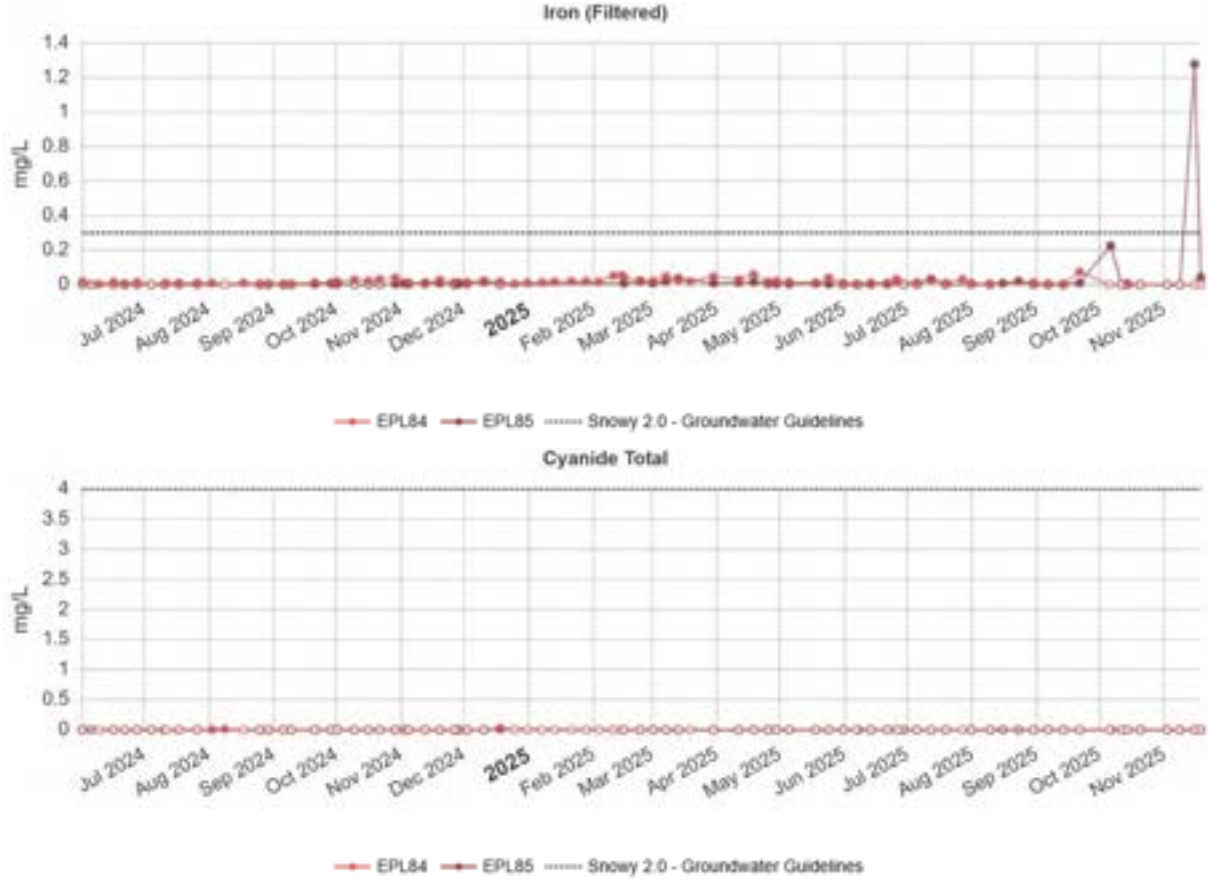

Oil and Grease
mg/L
20
16
12
8
4
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines

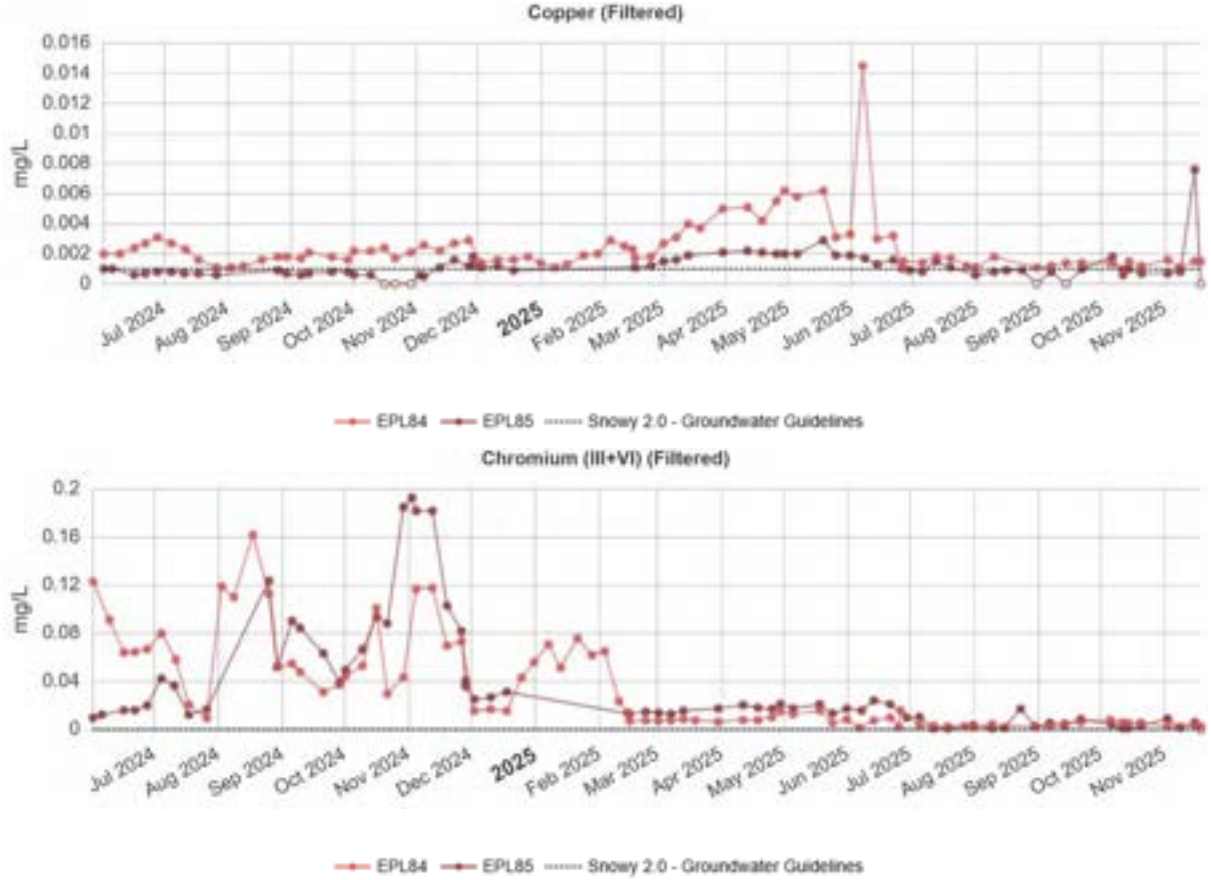

Nitrogen (Total)
mg/L
40
30
20
10
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines

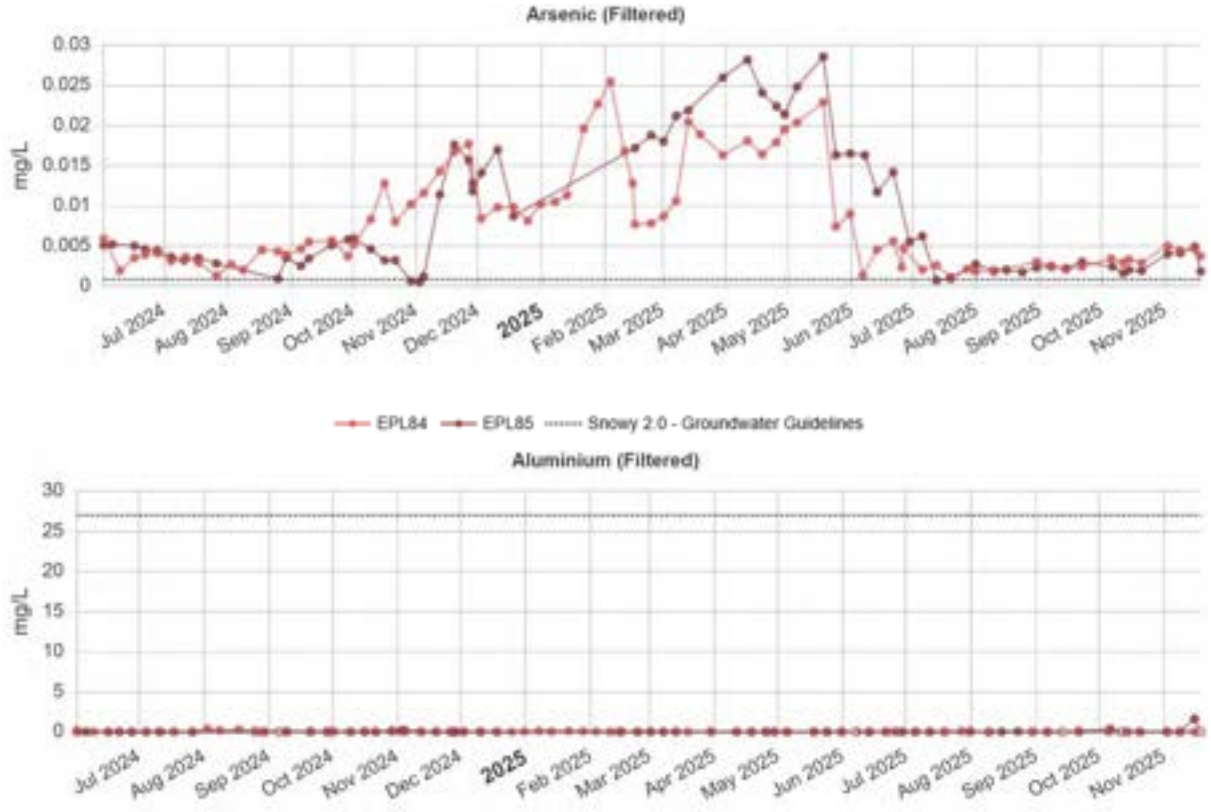
Nitrite + Nitrate as N (NOx)
mg/L
35
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines


Nickel (Filtered)
mg/L
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines

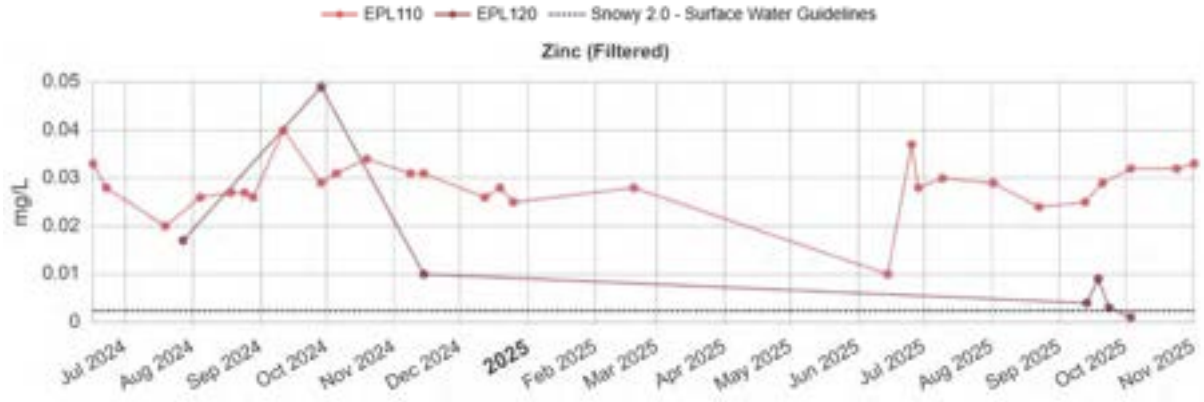

Manganese (Filtered)
1.2
1
0.8
0.6
0.4
0.2
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines
Lead (Filtered)
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines

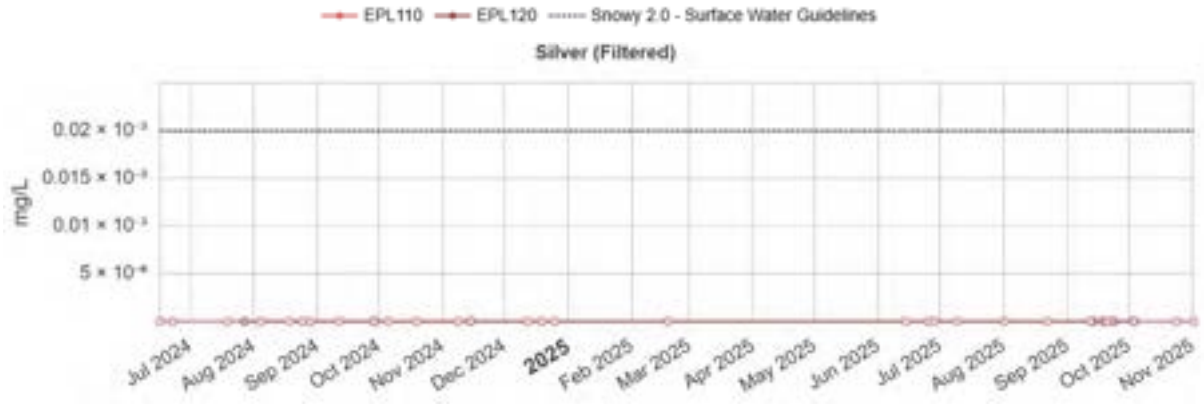

Iron (Filtered)
mg/L
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines

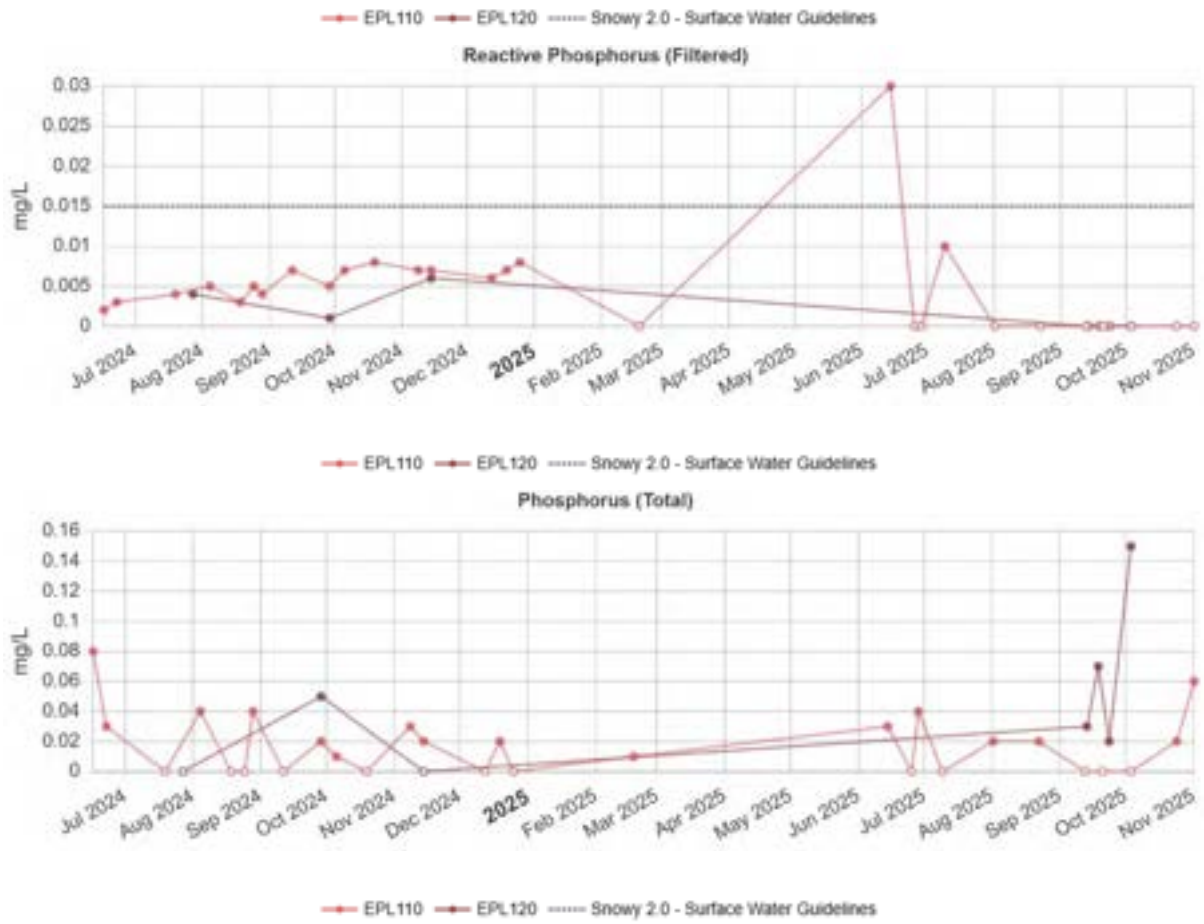

Copper (Filtered)
mg/L
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines
Chromium (III+VI) (Filtered)
mg/L
0.2
0.16
0.12
0.08
0.04
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines

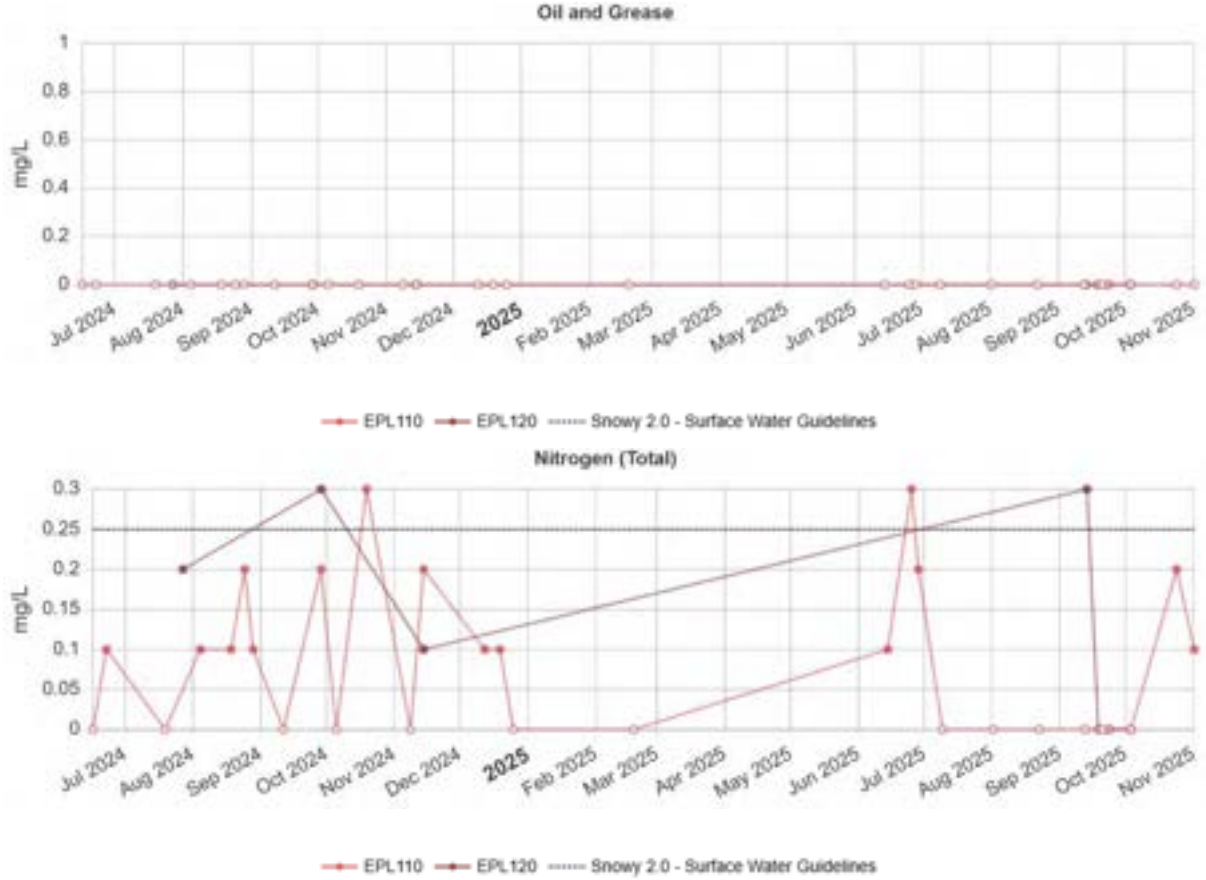

Arsenic (Filtered)
mg/L
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL84
EPL85
Snowy 2.0 - Groundwater Guidelines
Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

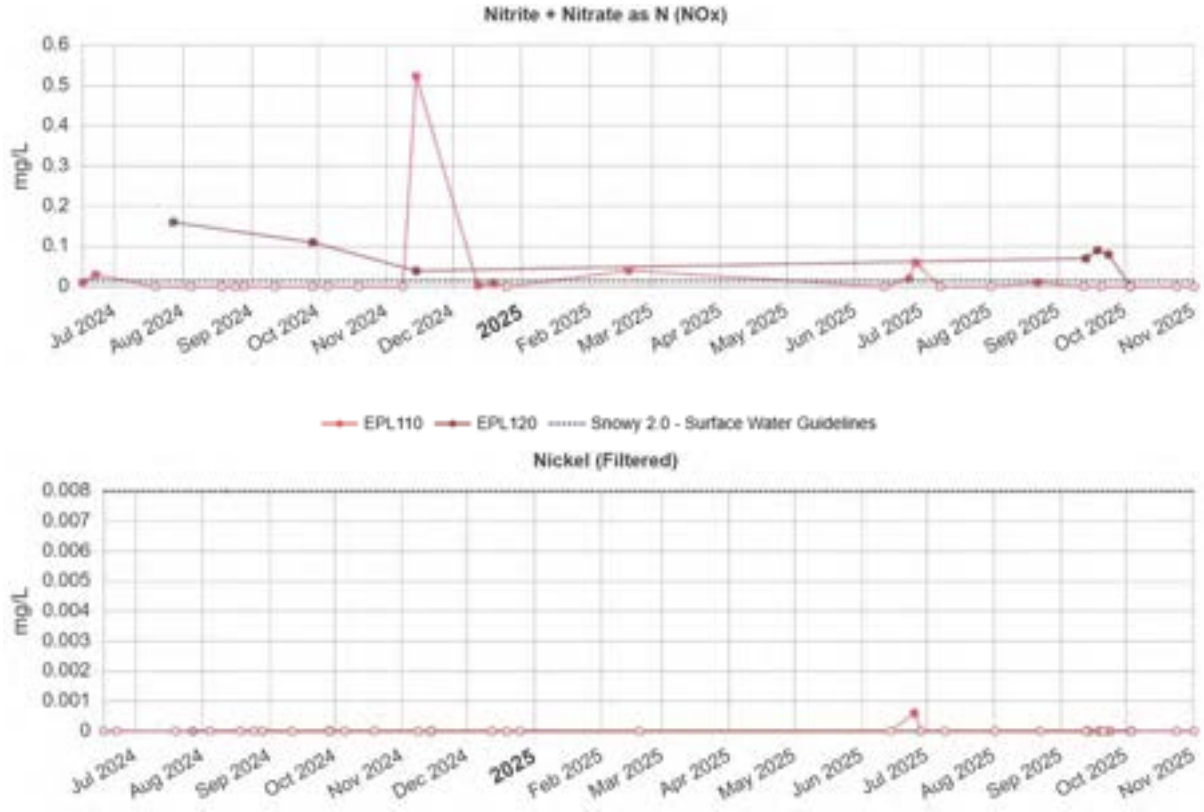
Ravine Bay

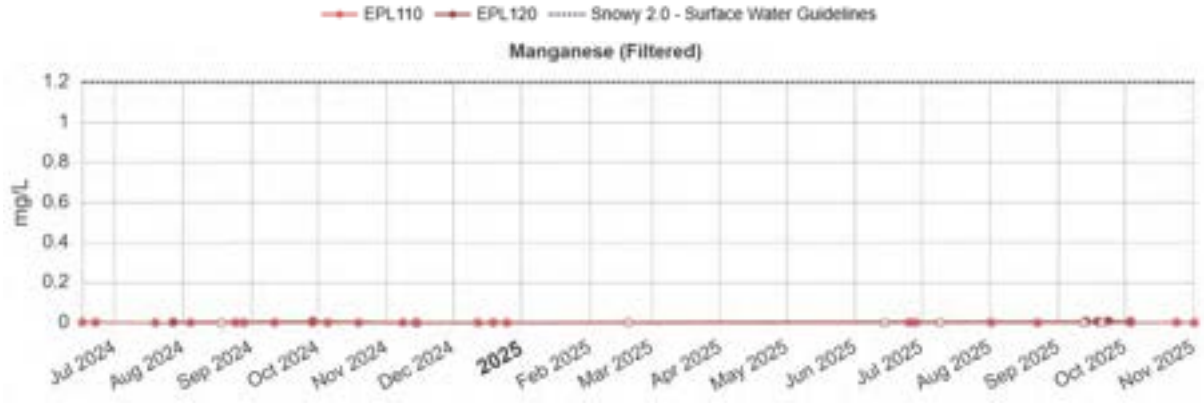

EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines
Zinc (Filtered)
mg/L
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

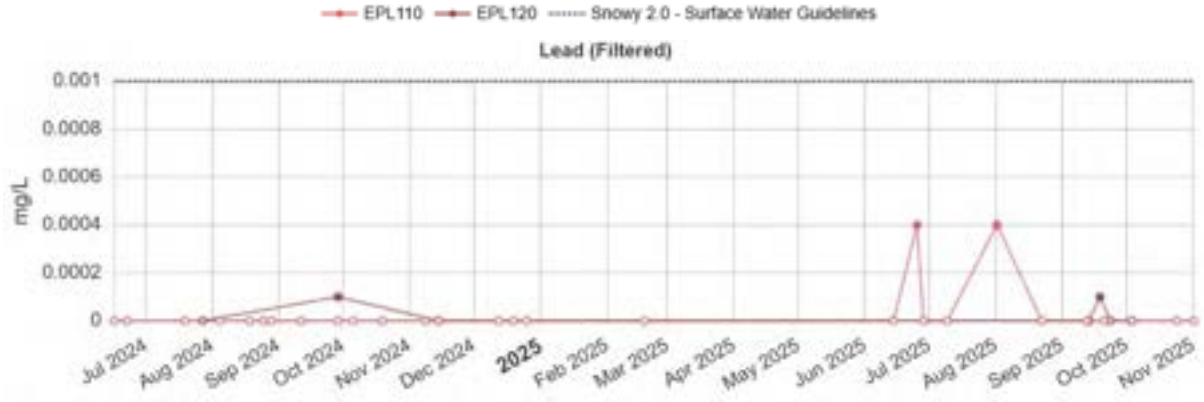

EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines
Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2026
Oct 2025
Nov 2026

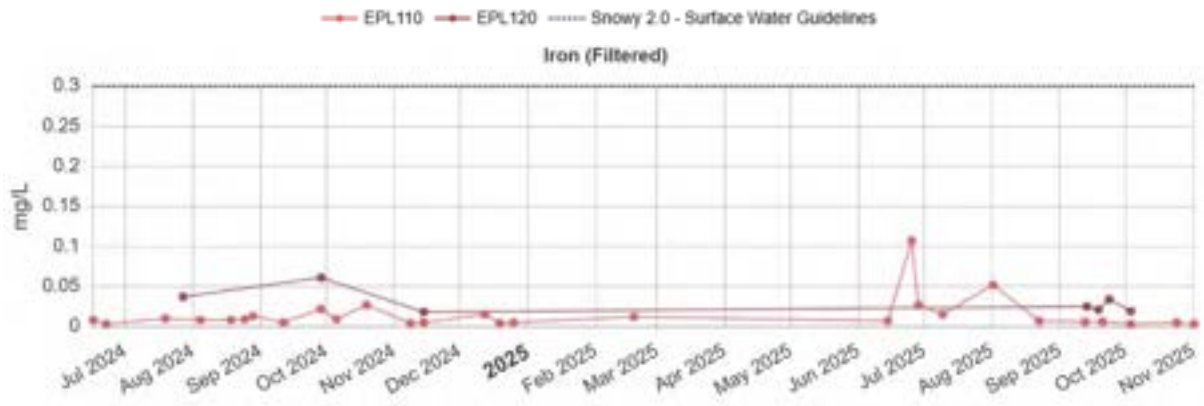

EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines
Reactive Phosphorus (Filtered)
mg/L
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines
Phosphorus (Total)
mg/L
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines

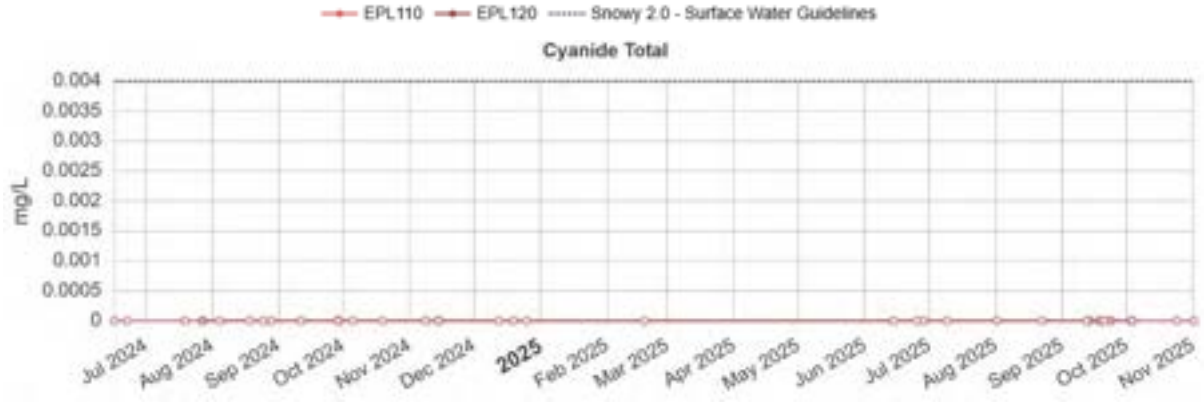

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines
Nitrogen (Total)
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines

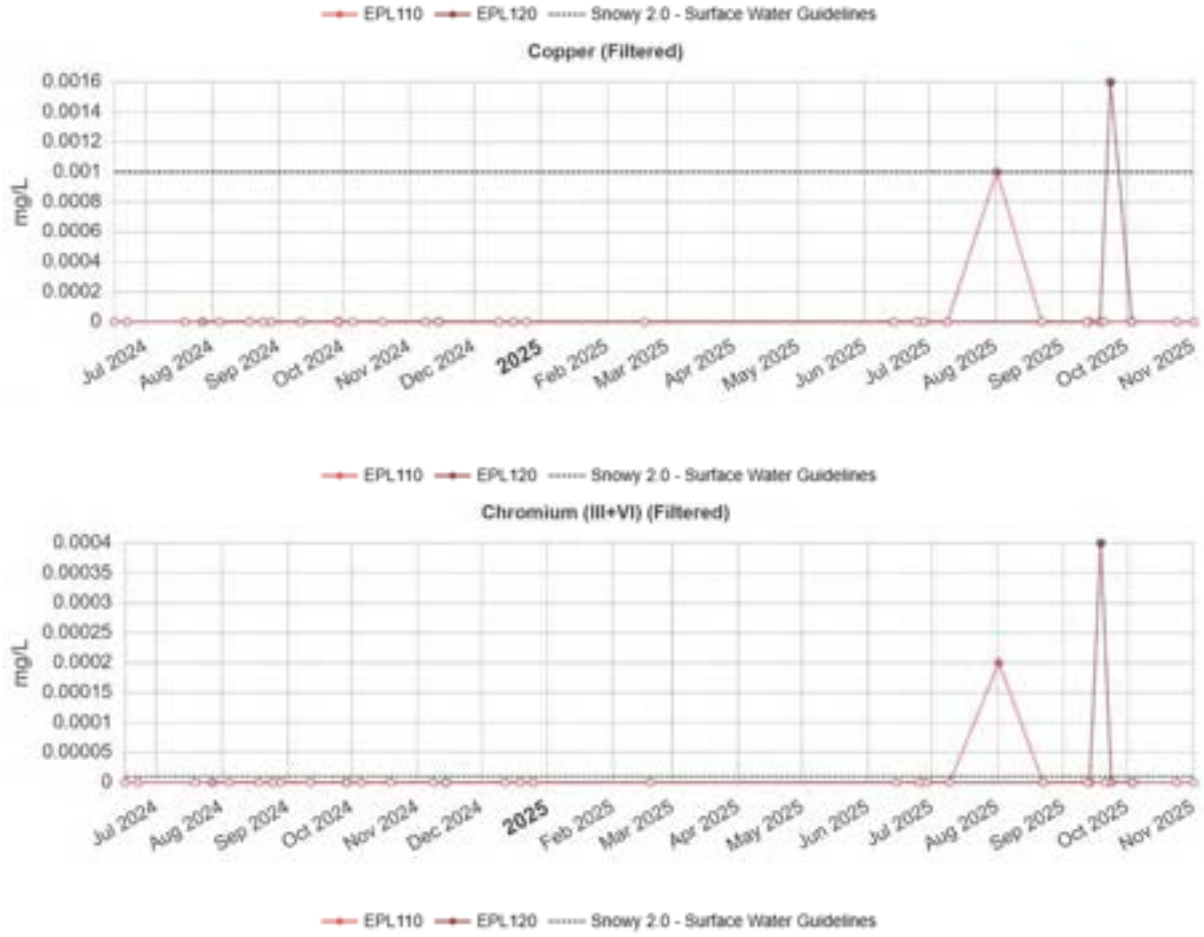

Nitrite + Nitrate as N (NOx)
mg/L
0.6
0.5
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines
Nickel (Filtered)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

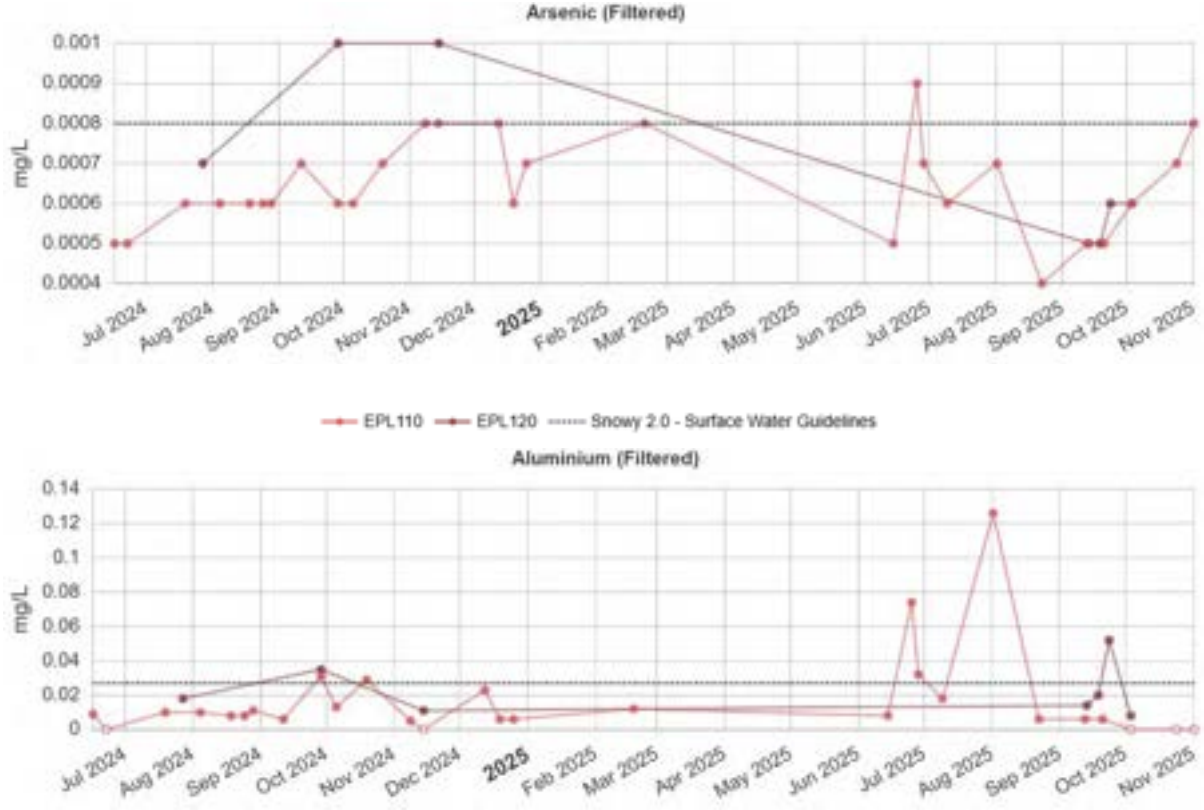

EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines
Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

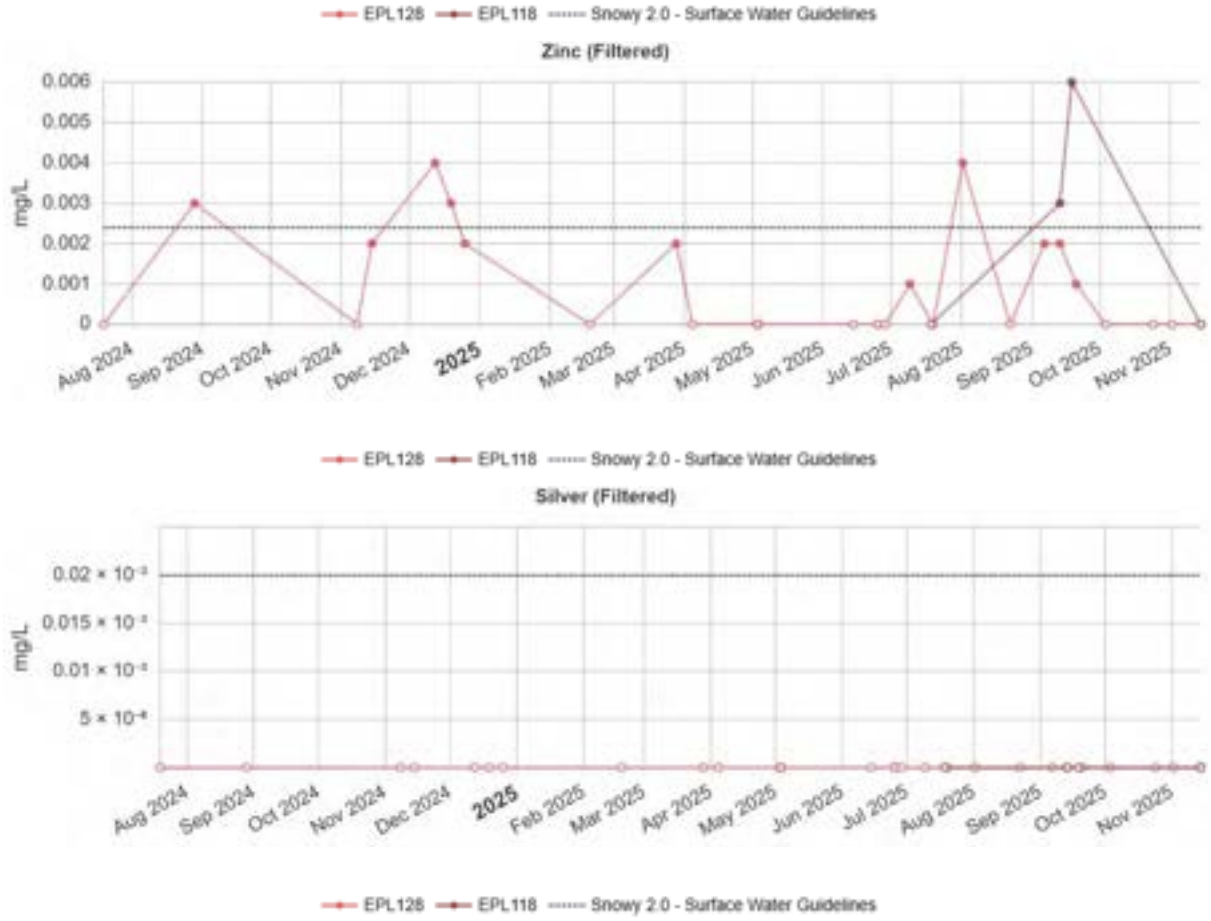

EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines
Lead (Filtered)
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

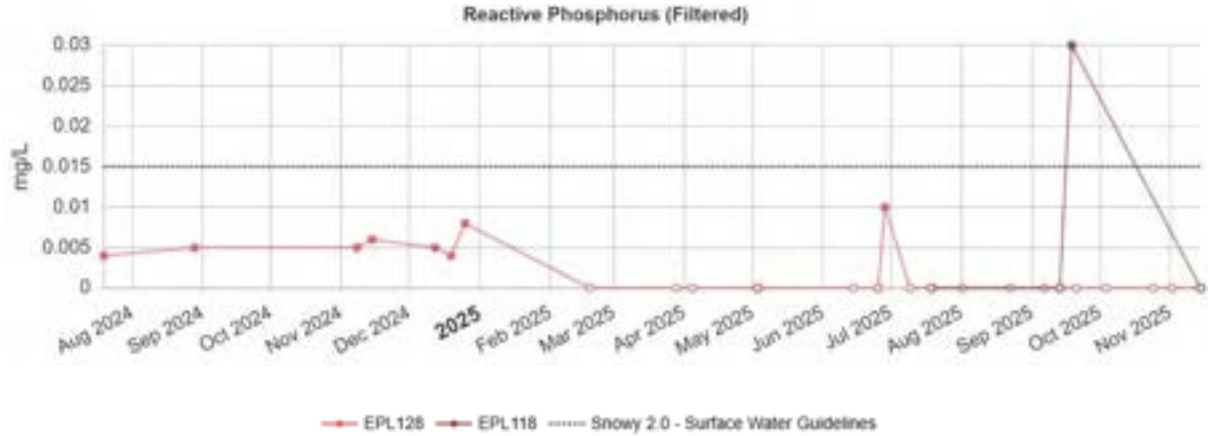

EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines
Iron (Filtered)
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

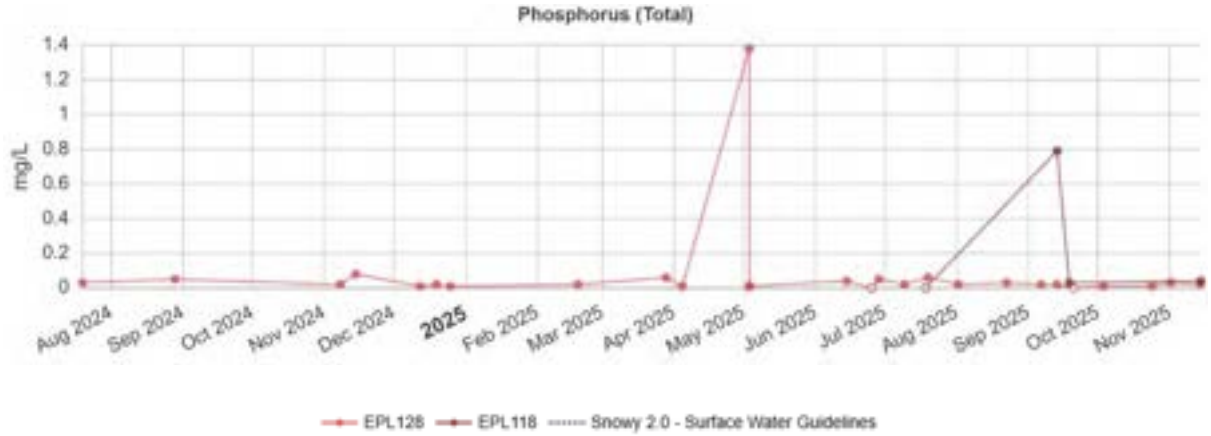

EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines
Cyanide Total
mg/L
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

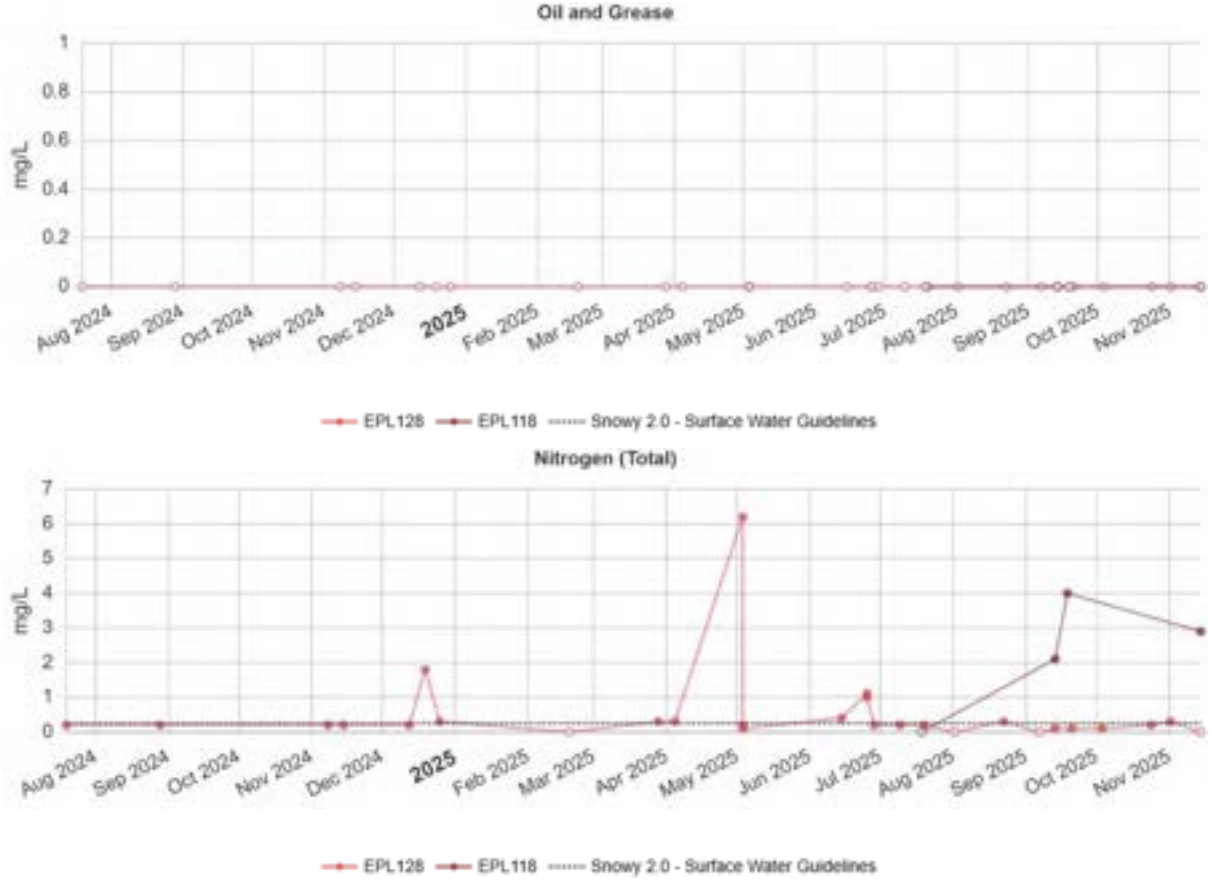

EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines
Copper (Filtered)
mg/L
0.0016
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines
Chromium (III+VI) (Filtered)
mg/L
0.0004
0.00035
0.0003
0.00025
0.0002
0.00015
0.0001
0.00005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines

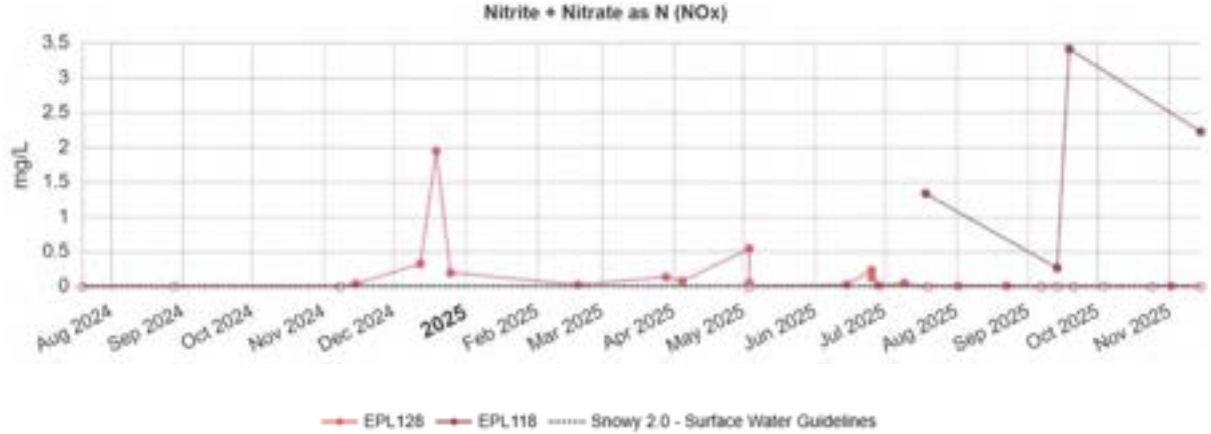

Arsenic (Filtered)
mg/L
0.001
0.0009
0.0008
0.0007
0.0006
0.0005
0.0004
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL110
EPL120
Snowy 2.0 - Surface Water Guidelines
Aluminium (Filtered)
mg/L
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

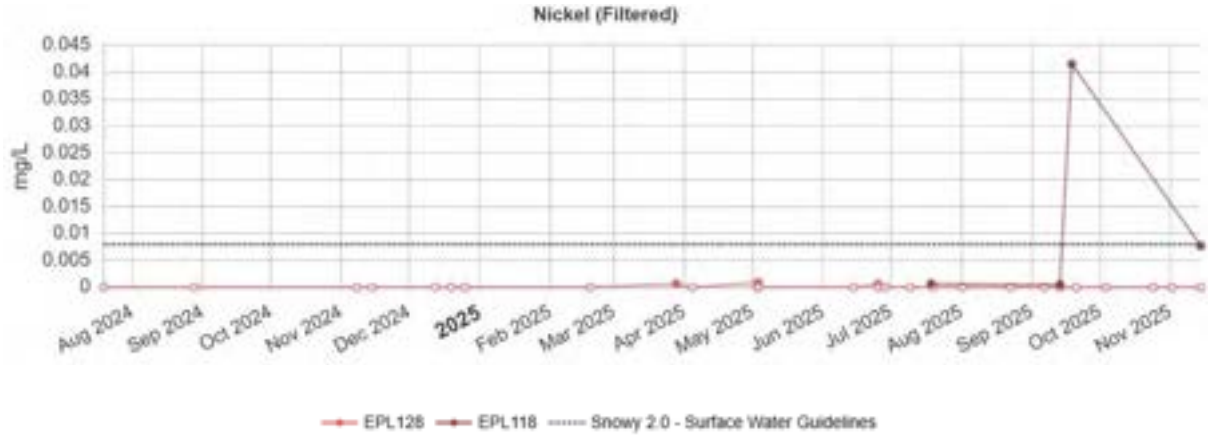

EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines
Zinc (Filtered)
mg/L
0.006
0.005
0.004
0.003
0.002
0.001
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines
Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines

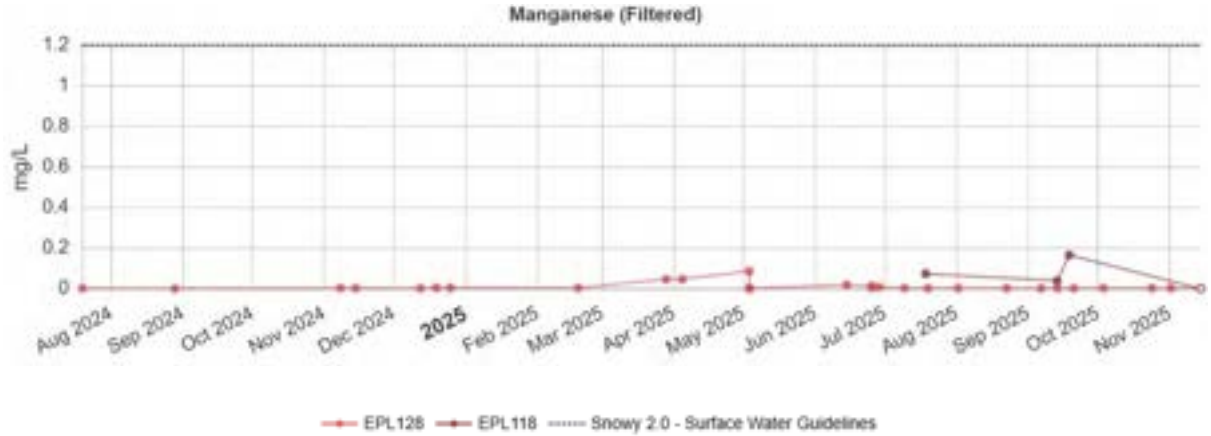

Reactive Phosphorus (Filtered)
mg/L
0.03
0.025
0.02
0.015
0.01
0.005
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines

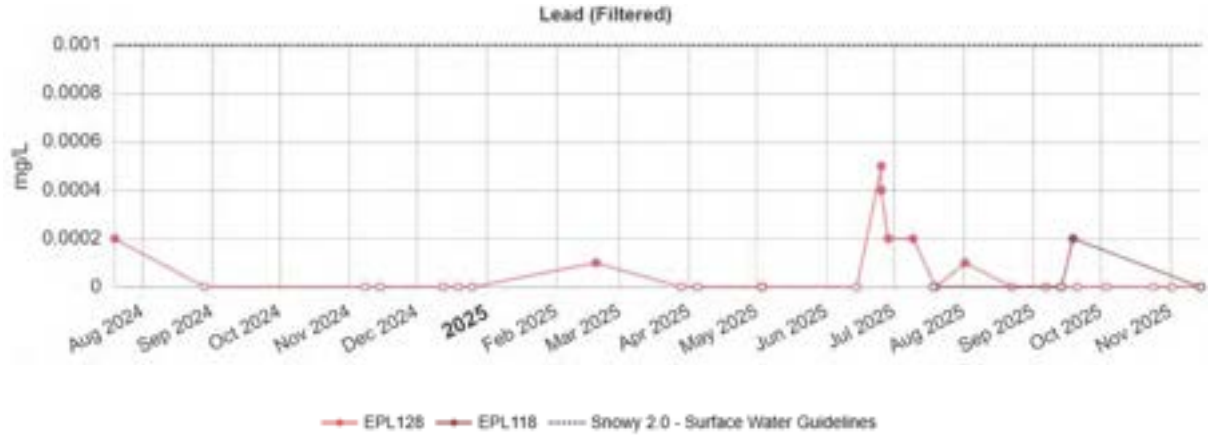

Phosphorus (Total)
mg/L
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines

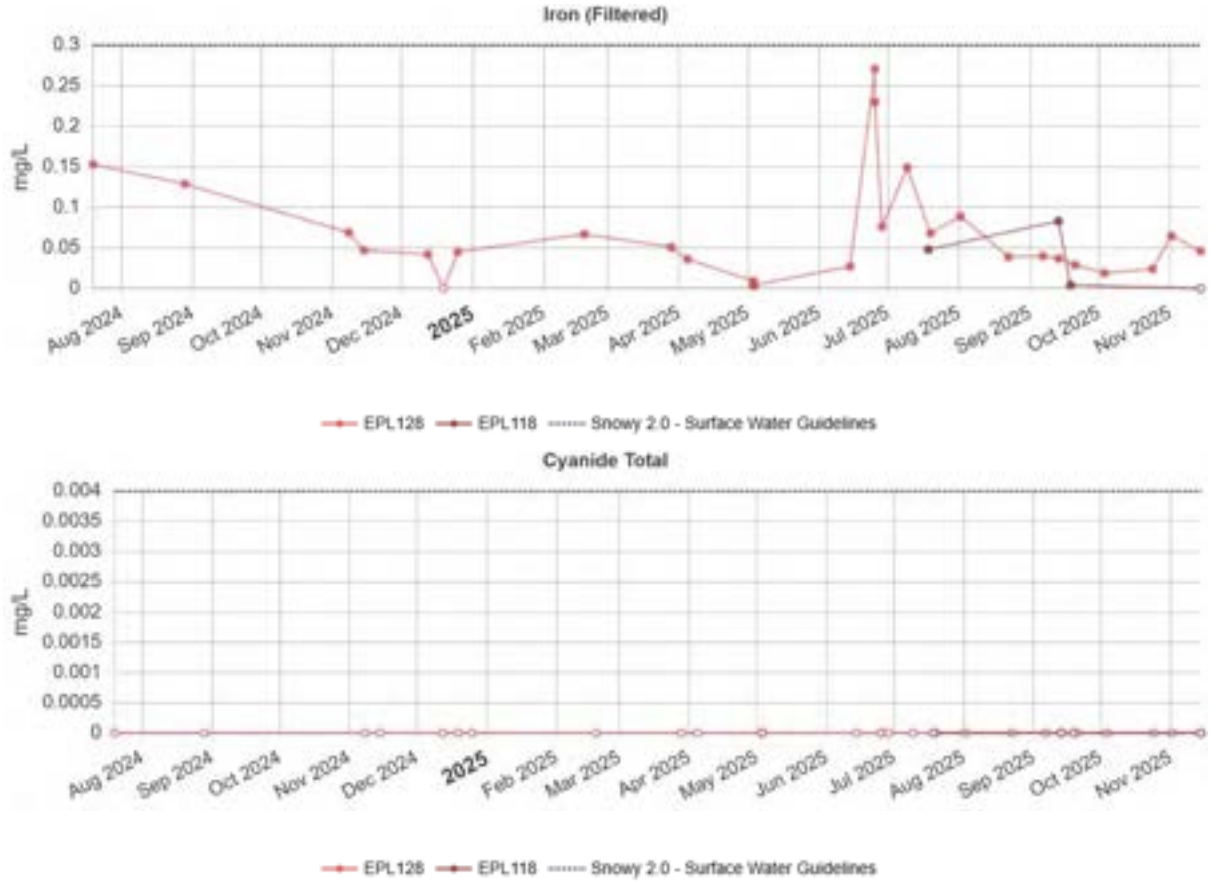

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines
Nitrogen (Total)
mg/L
7
6
5
4
3
2
1
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines

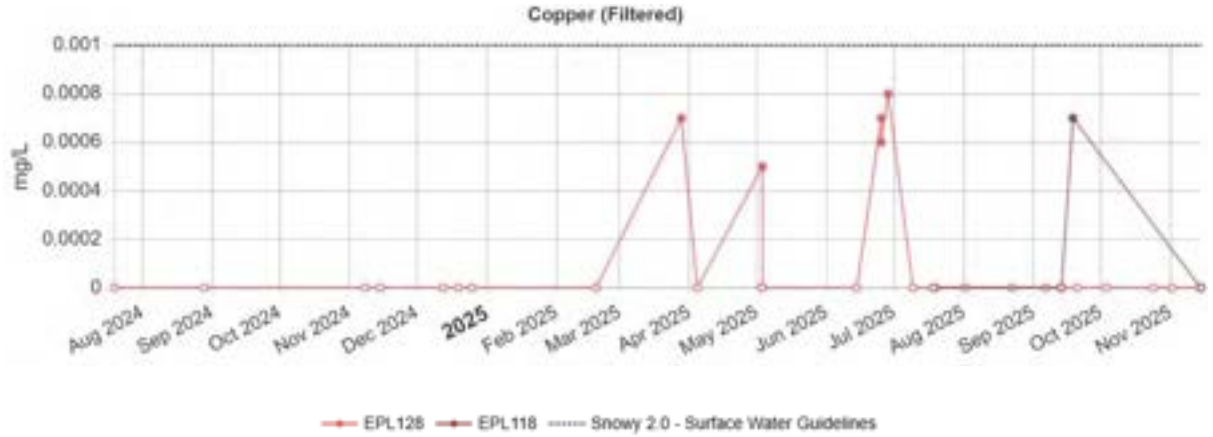

Nitrite + Nitrate as N (NOx)
mg/L
3.5
3
2.5
2
1.5
1
0.5
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines

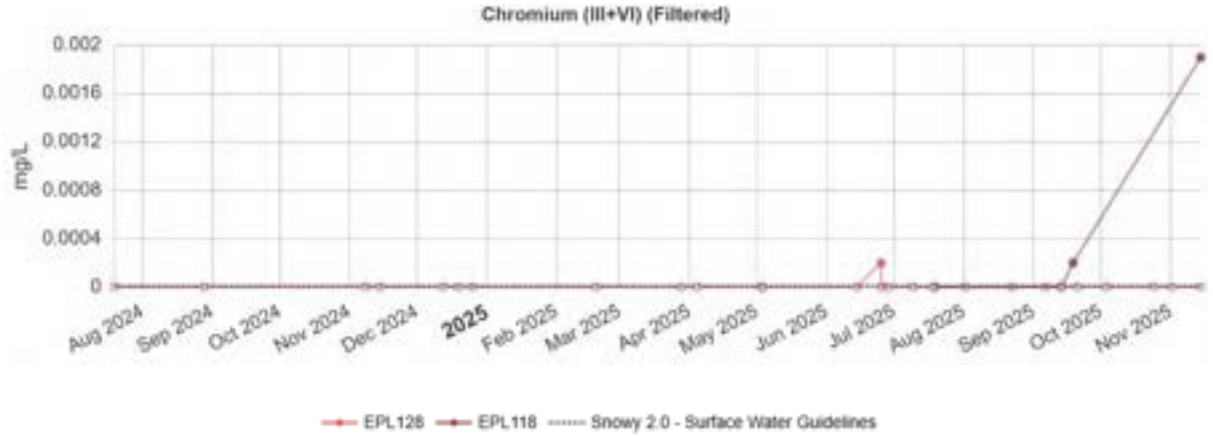

Nickel (Filtered)
mg/L
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines

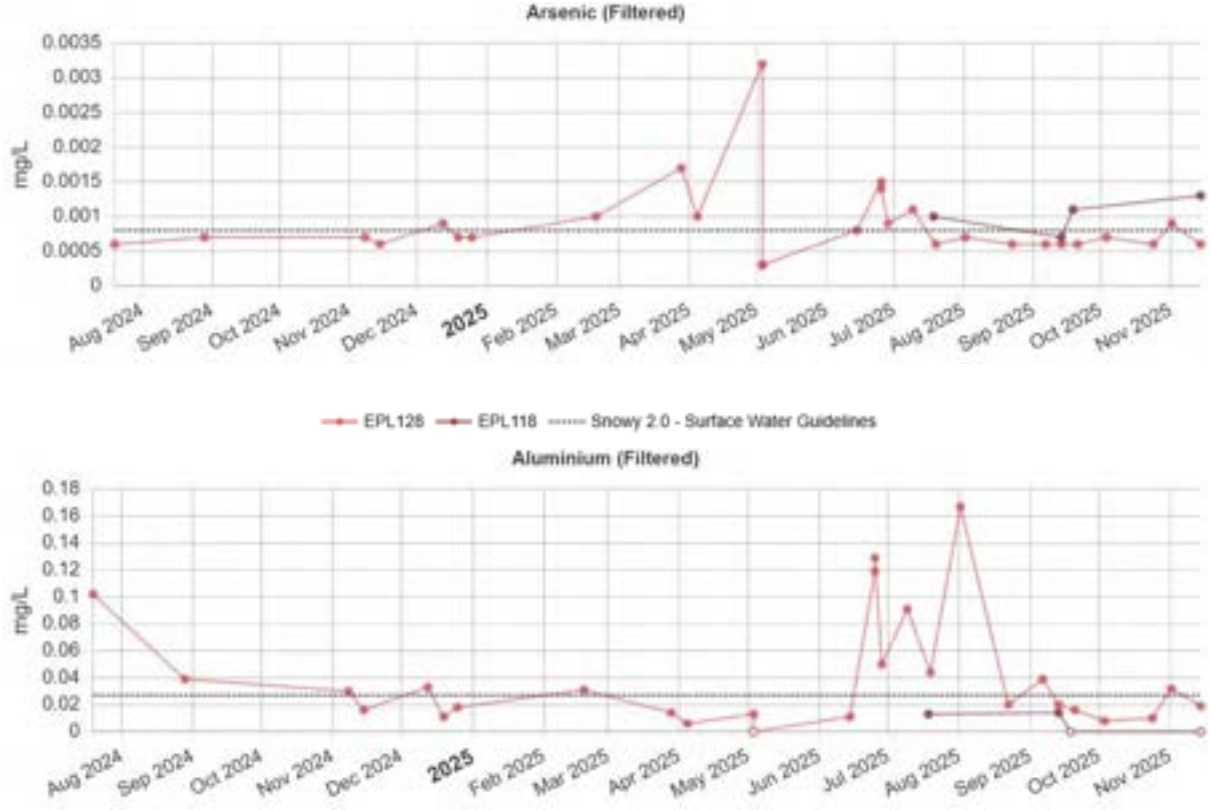

Manganese (Filtered)
1.2
1
0.8
0.6
0.4
0.2
0
mg/L
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines

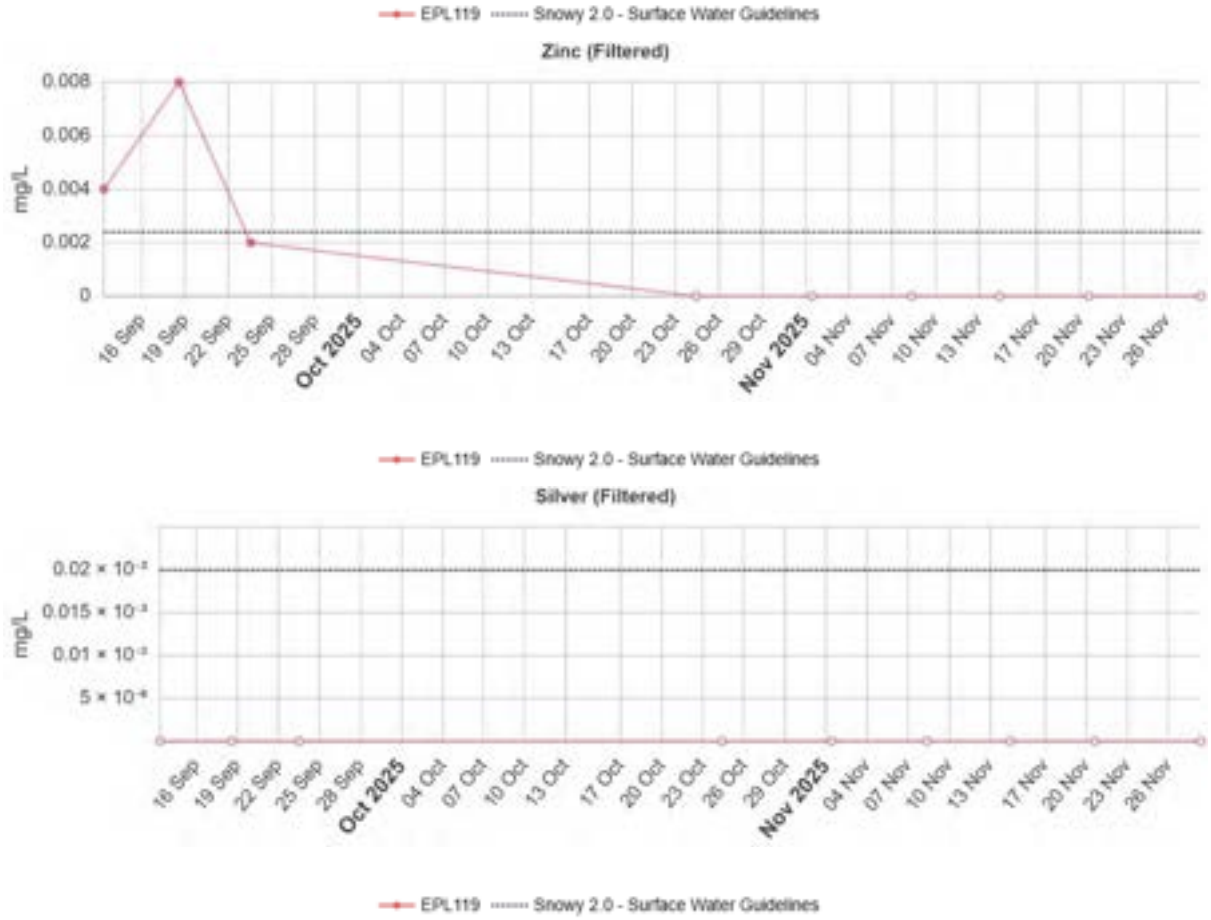

Lead (Filtered)
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines

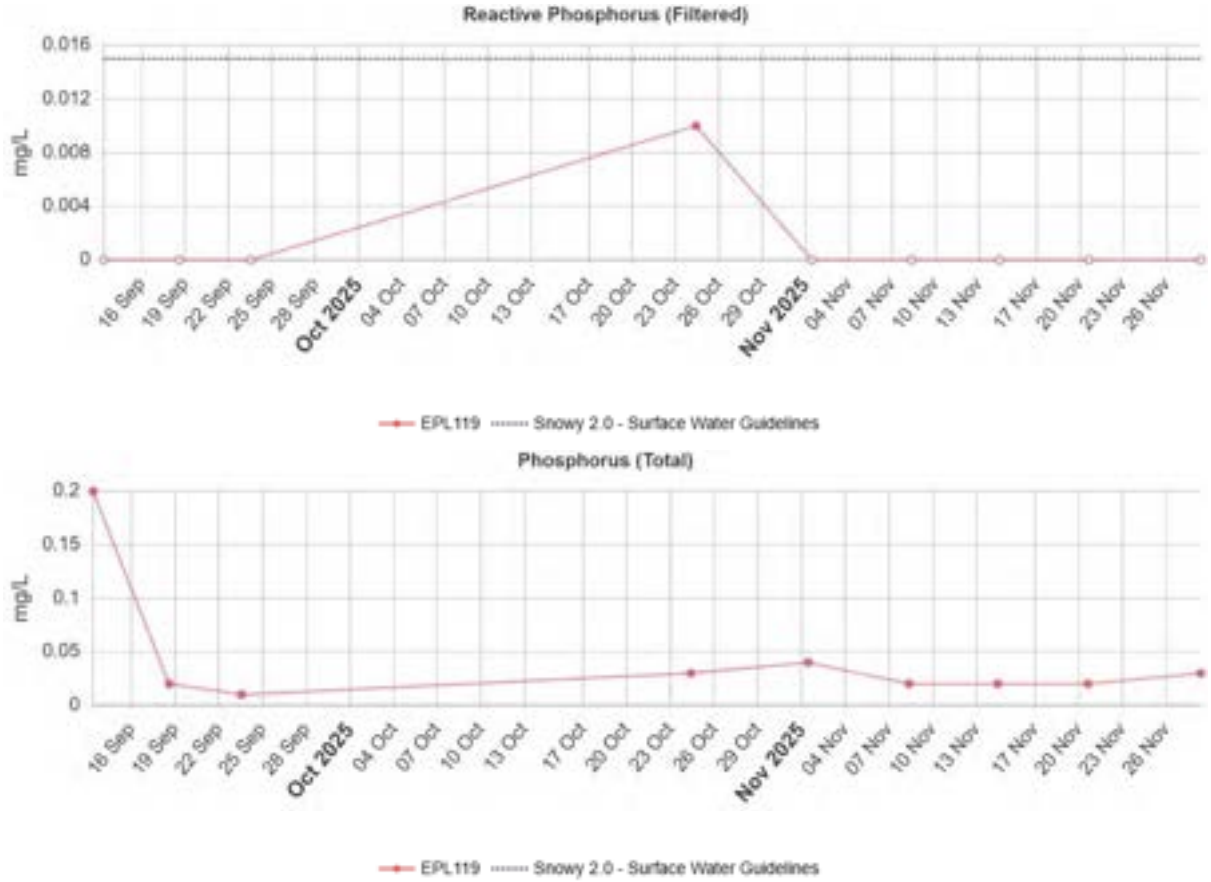

Iron (Filtered)
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines
Cyanide Total
mg/L
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines

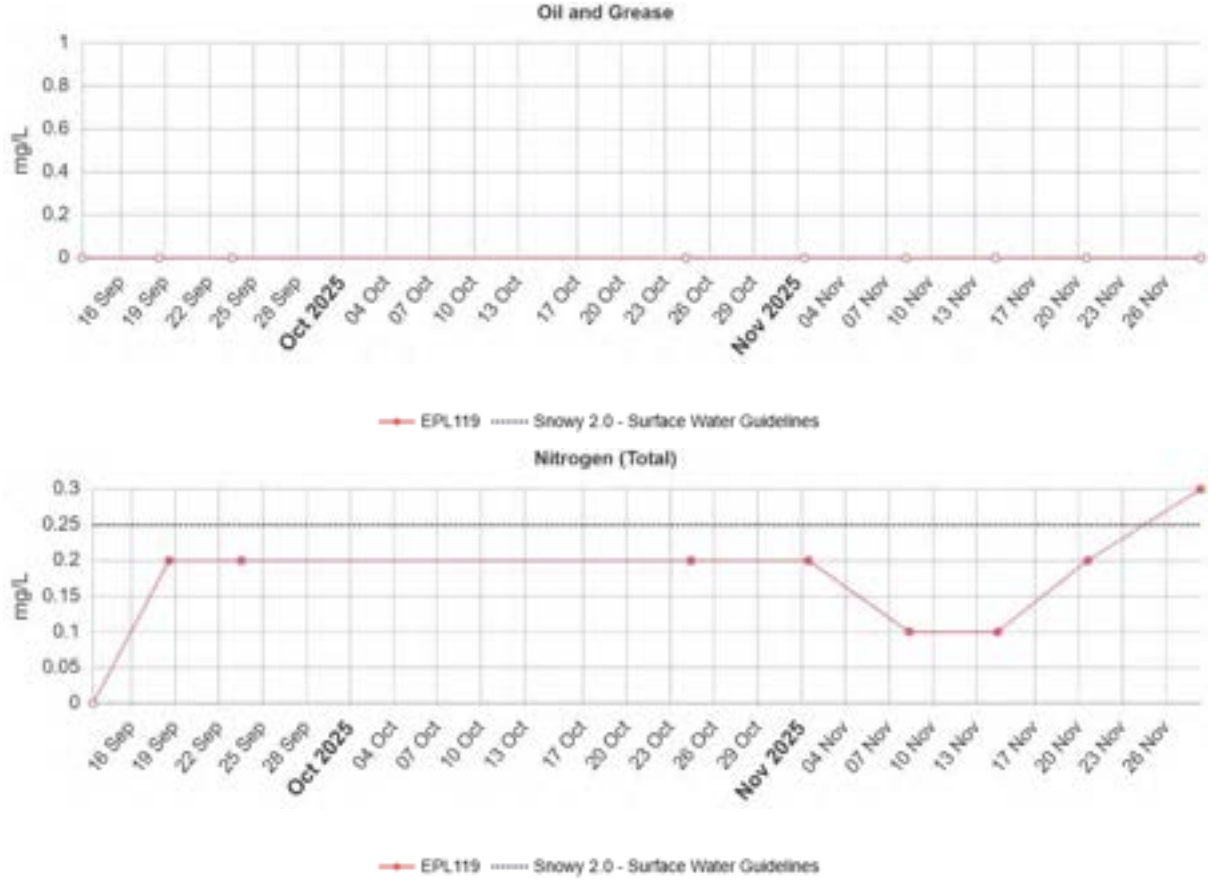

Copper (Filtered)
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines

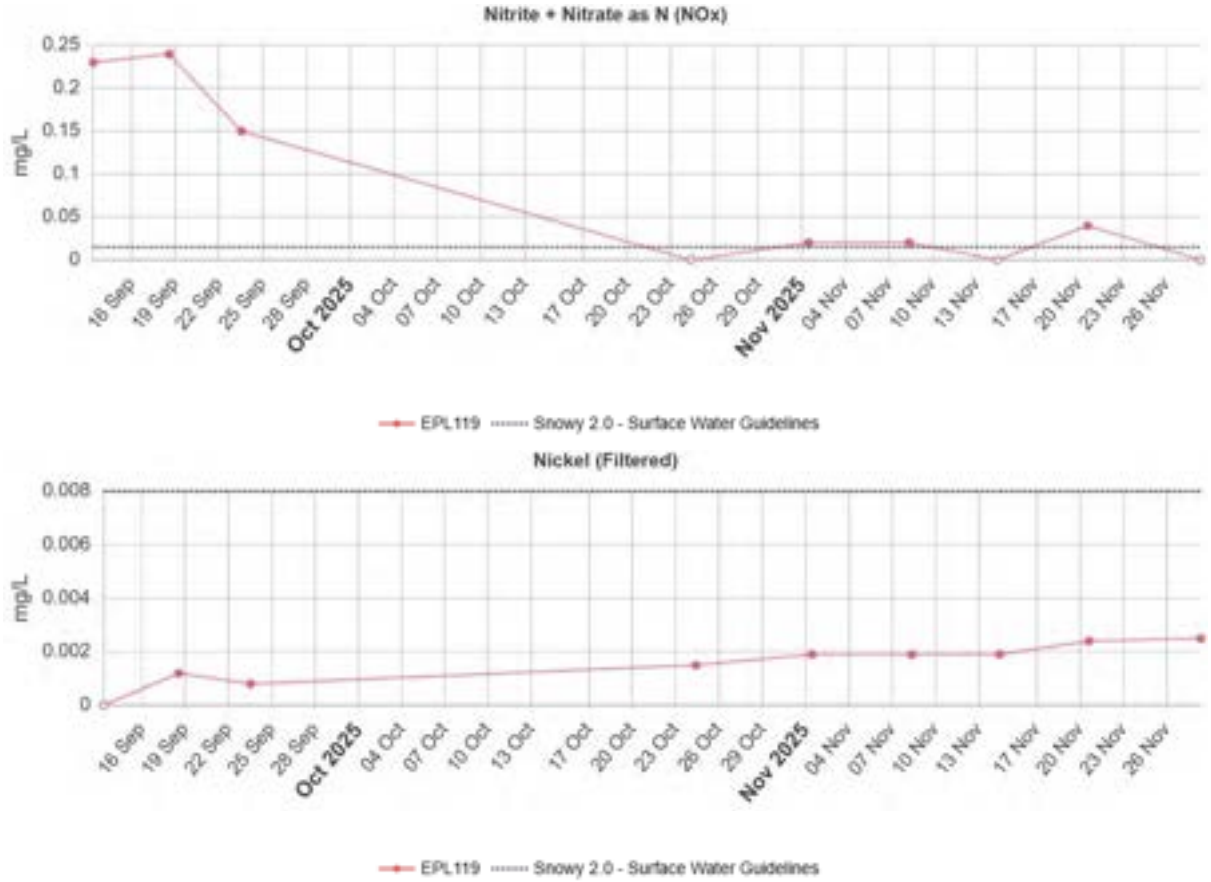

Chromium (III+VI) (Filtered)
0.002
0.0016
0.0012
0.0008
0.0004
0
mg/L
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines

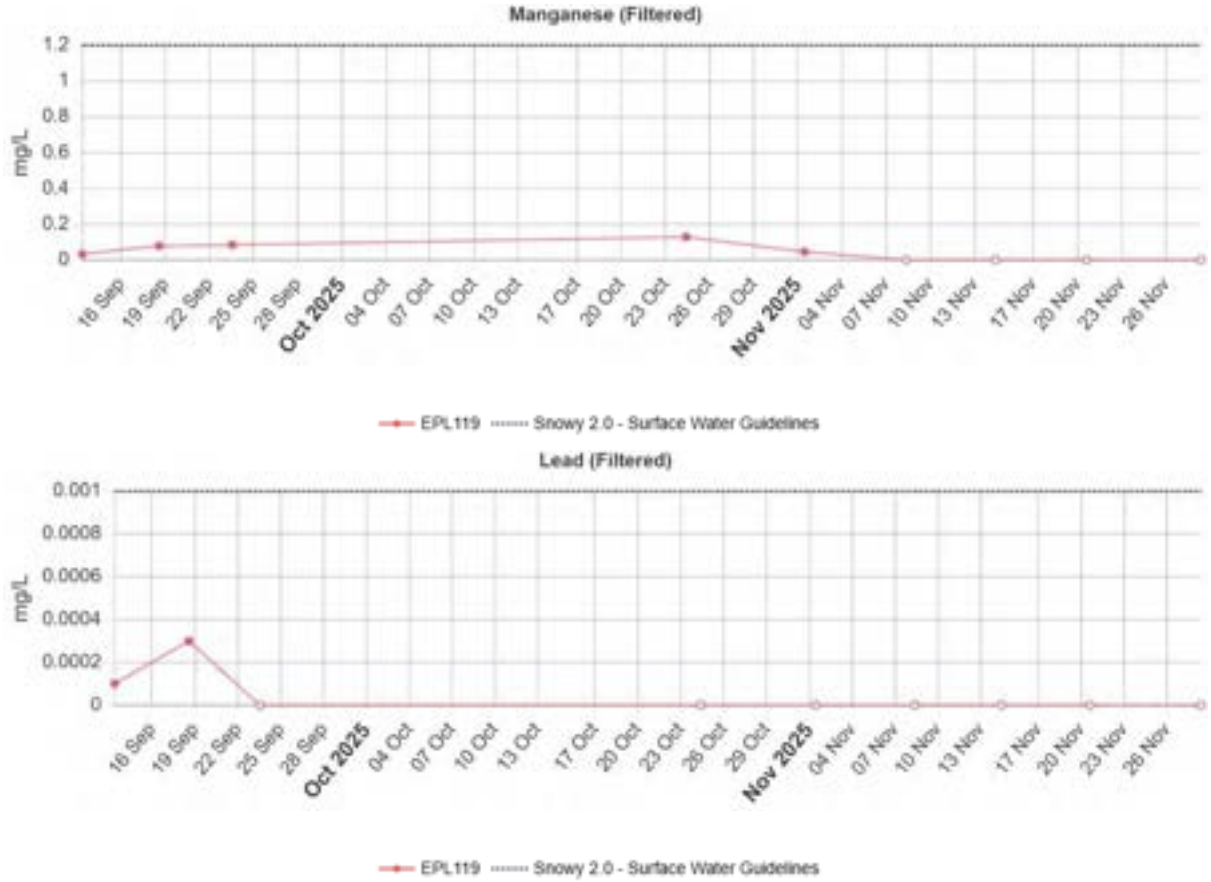

Arsenic (Filtered)
mg/L
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL128
EPL118
Snowy 2.0 - Surface Water Guidelines
Aluminium (Filtered)
mg/L
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

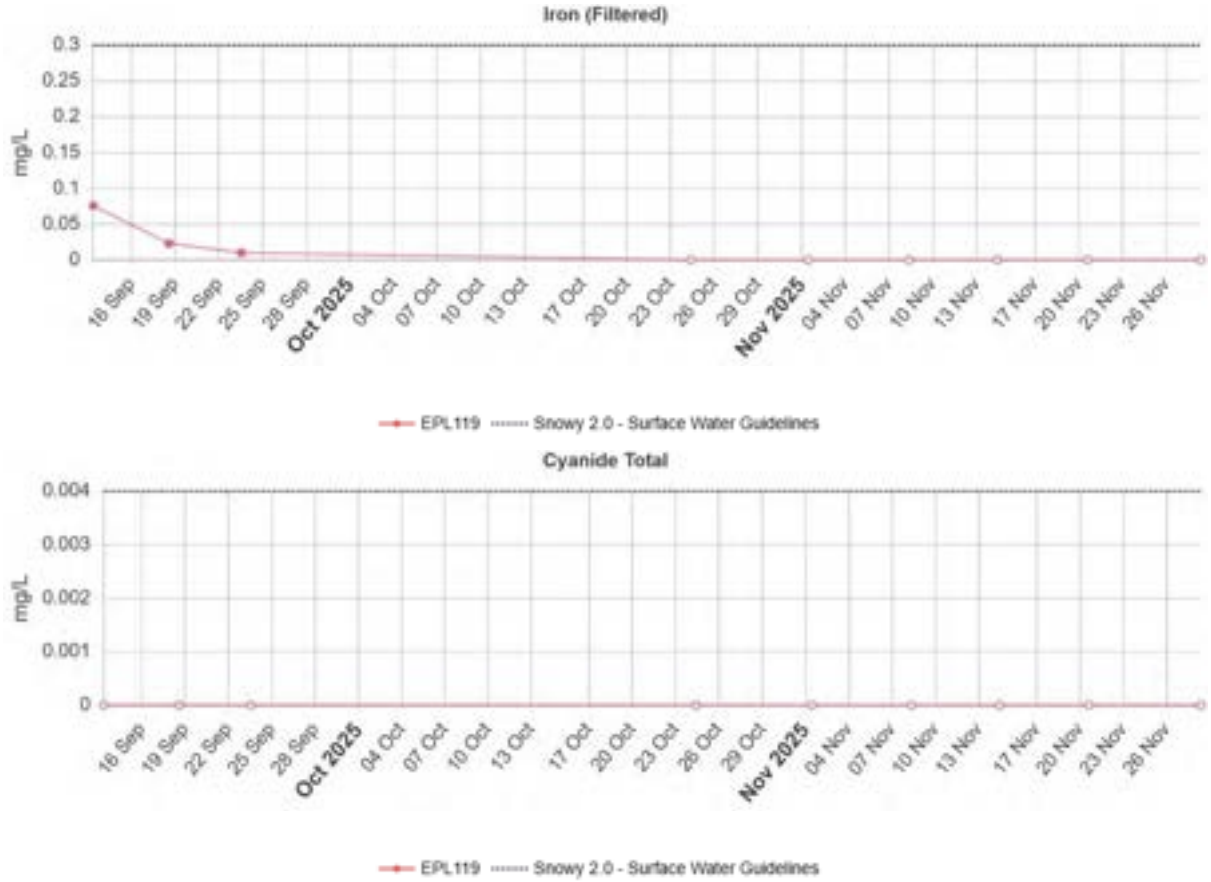

EPL119
Snowy 2.0 - Surface Water Guidelines
Zinc (Filtered)
mg/L
0.008
0.006
0.004
0.002
0
16 Sep
19 Sep
22 Sep
25 Sep
28 Sep
Oct 2025
04 Oct
07 Oct
10 Oct
13 Oct
17 Oct
20 Oct
23 Oct
26 Oct
29 Oct
Nov 2025
04 Nov
07 Nov
10 Nov
13 Nov
17 Nov
20 Nov
23 Nov
26 Nov
EPL119
Snowy 2.0 - Surface Water Guidelines
Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁶
16 Sep
19 Sep
22 Sep
25 Sep
28 Sep
Oct 2025
04 Oct
07 Oct
10 Oct
13 Oct
17 Oct
20 Oct
23 Oct
26 Oct
29 Oct
Nov 2025
04 Nov
07 Nov
10 Nov
13 Nov
17 Nov
20 Nov
23 Nov
26 Nov
EPL119
Snowy 2.0 - Surface Water Guidelines

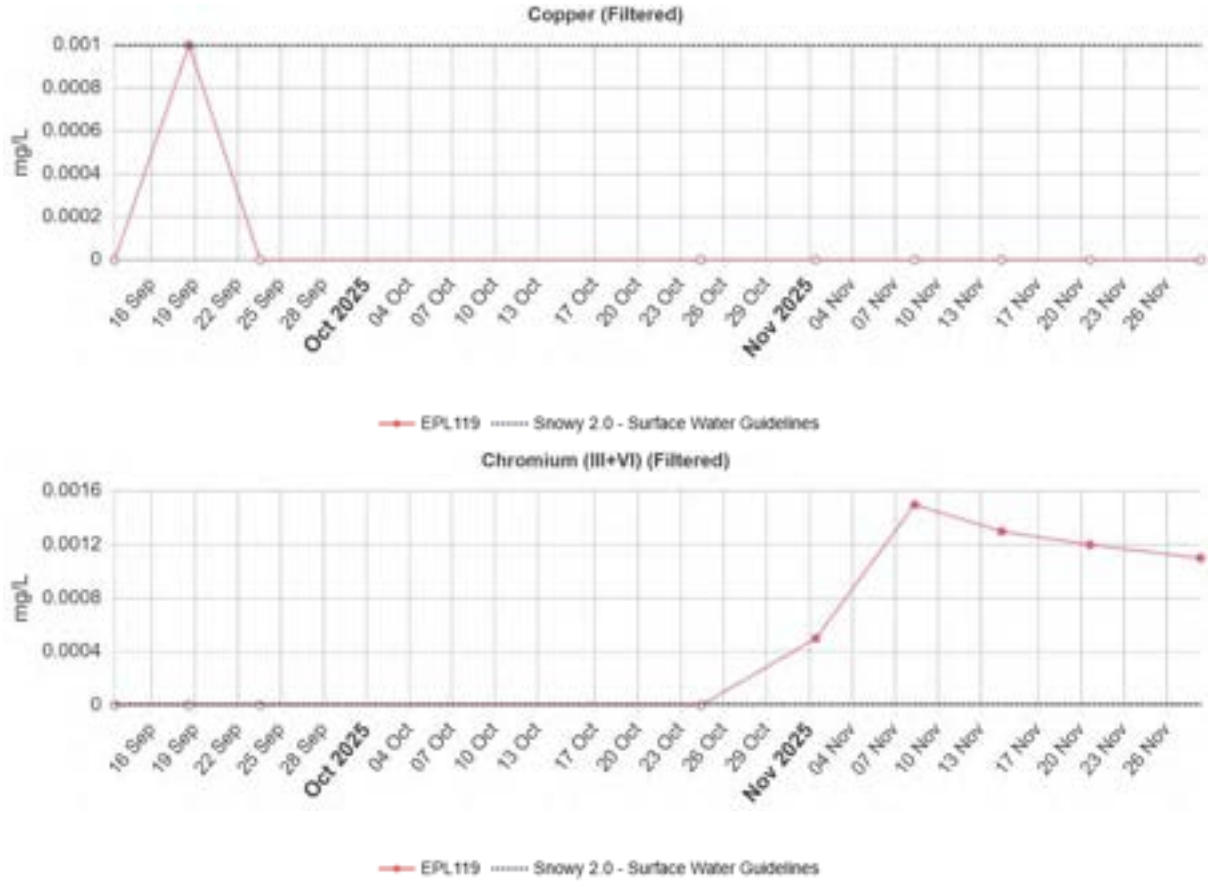

Reactive Phosphorus (Filtered)
mg/L
0.016
0.012
0.008
0.004
0
16 Sep
19 Sep
22 Sep
25 Sep
28 Sep
Oct 2025
04 Oct
07 Oct
10 Oct
13 Oct
17 Oct
20 Oct
23 Oct
26 Oct
29 Oct
Nov 2025
04 Nov
07 Nov
10 Nov
13 Nov
17 Nov
20 Nov
23 Nov
26 Nov
EPL119
Snowy 2.0 - Surface Water Guidelines
Phosphorus (Total)
mg/L
0.2
0.15
0.1
0.05
0
EPL119
Snowy 2.0 - Surface Water Guidelines

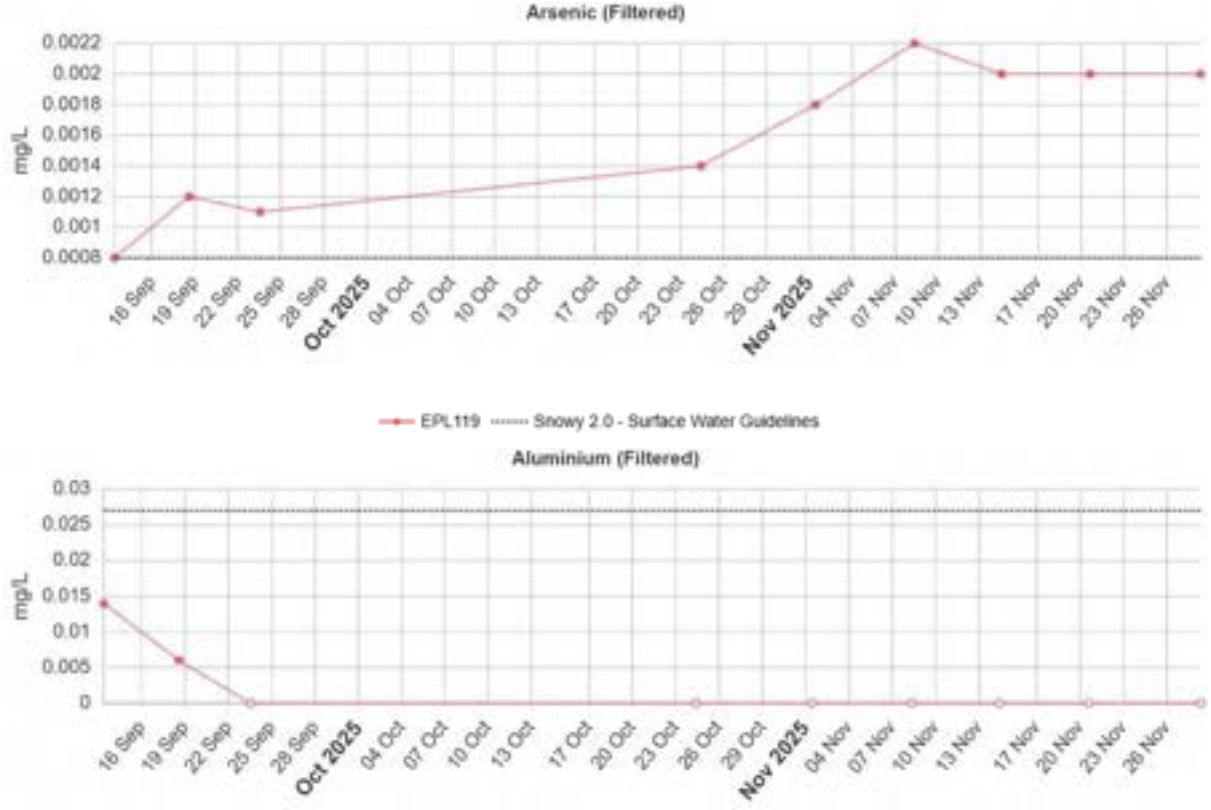

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
18 Sep
19 Sep
22 Sep
25 Sep
28 Sep
Oct 2025
04 Oct
07 Oct
10 Oct
13 Oct
17 Oct
20 Oct
23 Oct
26 Oct
29 Oct
Nov 2025
04 Nov
07 Nov
10 Nov
13 Nov
17 Nov
20 Nov
23 Nov
26 Nov
EPL119
Snowy 2.0 - Surface Water Guidelines
Nitrogen (Total)
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
EPL119
Snowy 2.0 - Surface Water Guidelines


Nitrite + Nitrate as N (NOx)
mg/L
0.25
0.2
0.15
0.1
0.05
0
18 Sep
19 Sep
22 Sep
25 Sep
28 Sep
Oct 2025
04 Oct
07 Oct
10 Oct
13 Oct
17 Oct
20 Oct
23 Oct
26 Oct
29 Oct
Nov 2025
04 Nov
07 Nov
10 Nov
13 Nov
17 Nov
20 Nov
23 Nov
26 Nov
EPL119
Snowy 2.0 - Surface Water Guidelines
Nickel (Filtered)
mg/L
0.008
0.006
0.004
0.002
0
EPL119
Snowy 2.0 - Surface Water Guidelines


Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
16 Sep
19 Sep
22 Sep
25 Sep
28 Sep
Oct 2025
04 Oct
07 Oct
10 Oct
13 Oct
17 Oct
20 Oct
23 Oct
26 Oct
29 Oct
Nov 2025
04 Nov
07 Nov
10 Nov
13 Nov
17 Nov
20 Nov
23 Nov
26 Nov
EPL119
Snowy 2.0 - Surface Water Guidelines
Lead (Filtered)
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
16 Sep
19 Sep
22 Sep
25 Sep
28 Sep
Oct 2025
04 Oct
07 Oct
10 Oct
13 Oct
17 Oct
20 Oct
23 Oct
26 Oct
29 Oct
Nov 2025
04 Nov
07 Nov
10 Nov
13 Nov
17 Nov
20 Nov
23 Nov
26 Nov
EPL119
Snowy 2.0 - Surface Water Guidelines

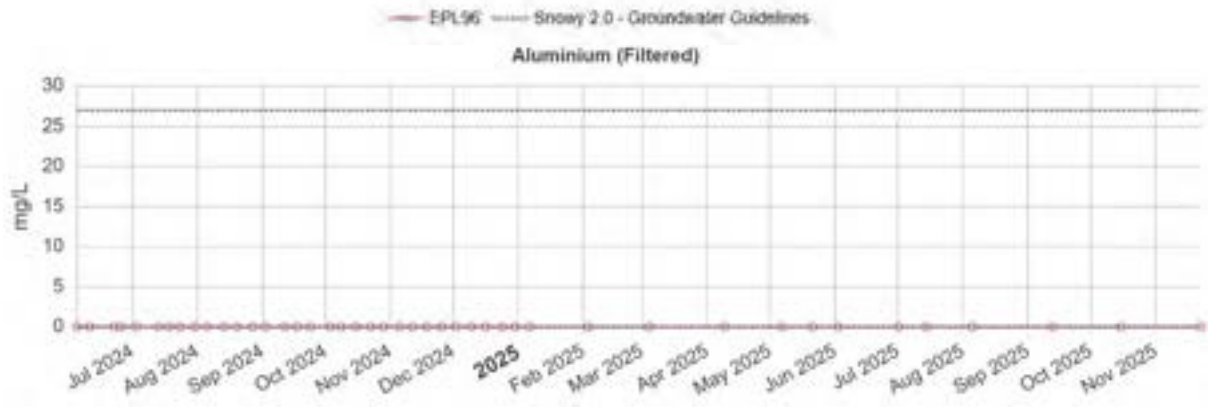

Iron (Filtered)
0.3
0.25
0.2
0.15
0.1
0.05
0
mg/L
16 Sep
19 Sep
22 Sep
25 Sep
28 Sep
Oct 2025
04 Oct
07 Oct
10 Oct
13 Oct
17 Oct
20 Oct
23 Oct
26 Oct
29 Oct
Nov 2025
04 Nov
07 Nov
10 Nov
13 Nov
17 Nov
20 Nov
23 Nov
26 Nov
EPL119
Snowy 2.0 - Surface Water Guidelines
Cyanide Total
0.004
0.003
0.002
0.001
0
mg/L
16 Sep
19 Sep
22 Sep
25 Sep
28 Sep
Oct 2025
04 Oct
07 Oct
10 Oct
13 Oct
17 Oct
20 Oct
23 Oct
26 Oct
29 Oct
Nov 2025
04 Nov
07 Nov
10 Nov
13 Nov
17 Nov
20 Nov
23 Nov
26 Nov
EPL119
Snowy 2.0 - Surface Water Guidelines

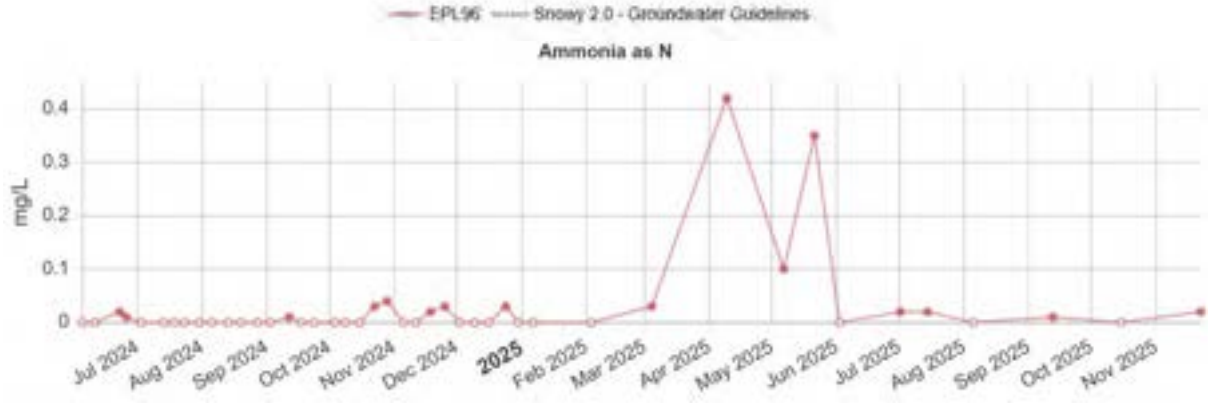

Copper (Filtered)
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
16 Sep
19 Sep
22 Sep
25 Sep
28 Sep
Oct 2025
04 Oct
07 Oct
10 Oct
13 Oct
17 Oct
20 Oct
23 Oct
26 Oct
29 Oct
Nov 2025
04 Nov
07 Nov
10 Nov
13 Nov
17 Nov
20 Nov
23 Nov
26 Nov
EPL119
Snowy 2.0 - Surface Water Guidelines
Chromium (III+VI) (Filtered)
mg/L
0.0016
0.0012
0.0008
0.0004
0
16 Sep
19 Sep
22 Sep
25 Sep
28 Sep
Oct 2025
04 Oct
07 Oct
10 Oct
13 Oct
17 Oct
20 Oct
23 Oct
26 Oct
29 Oct
Nov 2025
04 Nov
07 Nov
10 Nov
13 Nov
17 Nov
20 Nov
23 Nov
26 Nov
EPL119
Snowy 2.0 - Surface Water Guidelines

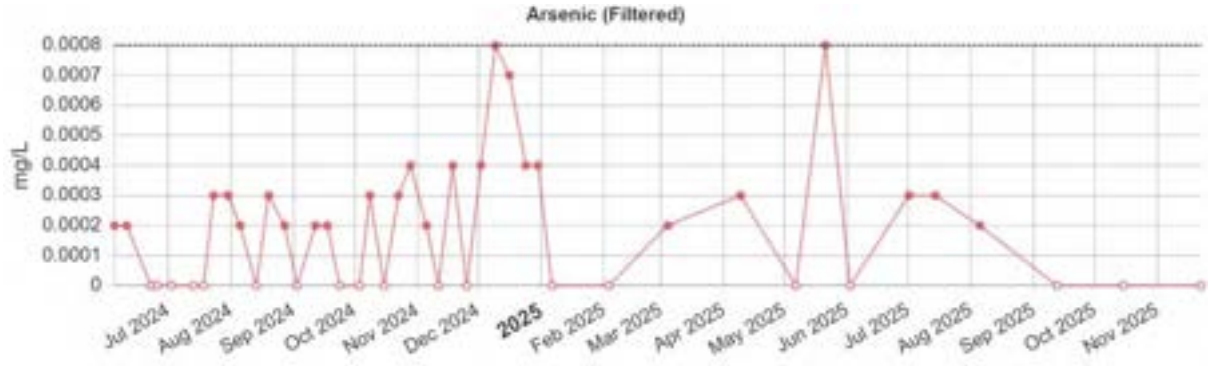


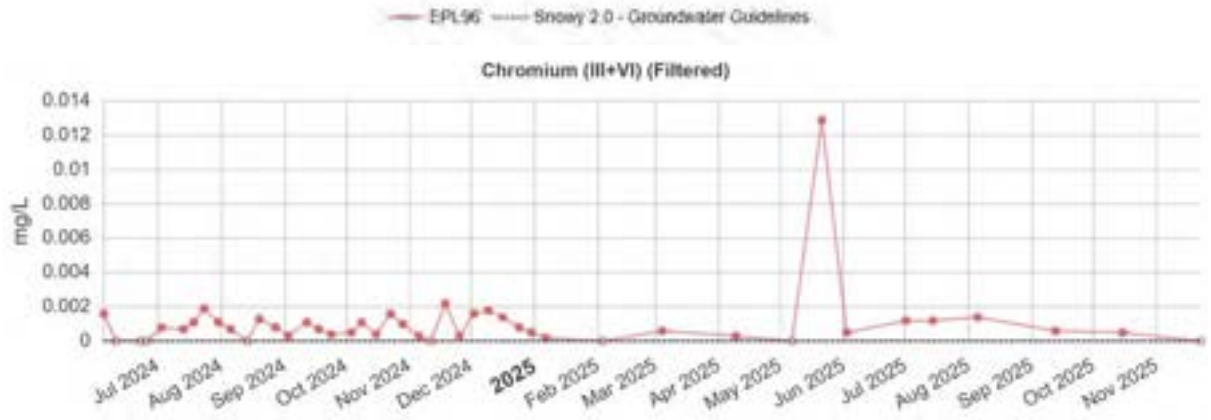
Groundwater

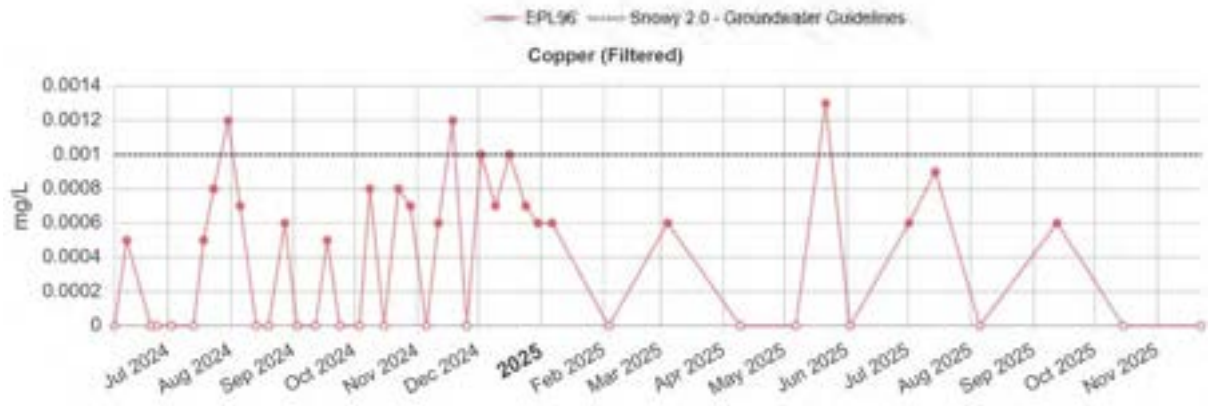
GF01

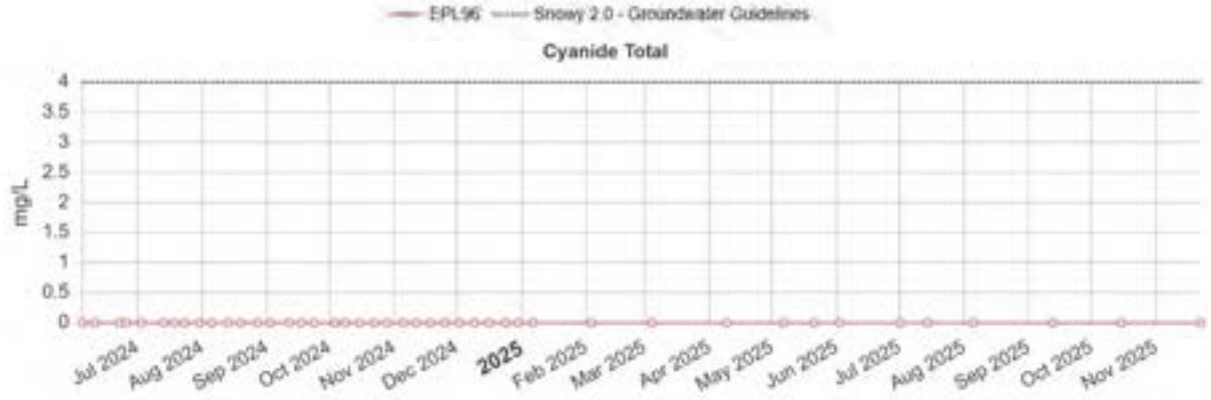

EPL96
Snowy 2.0 - Groundwater Guidelines
Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

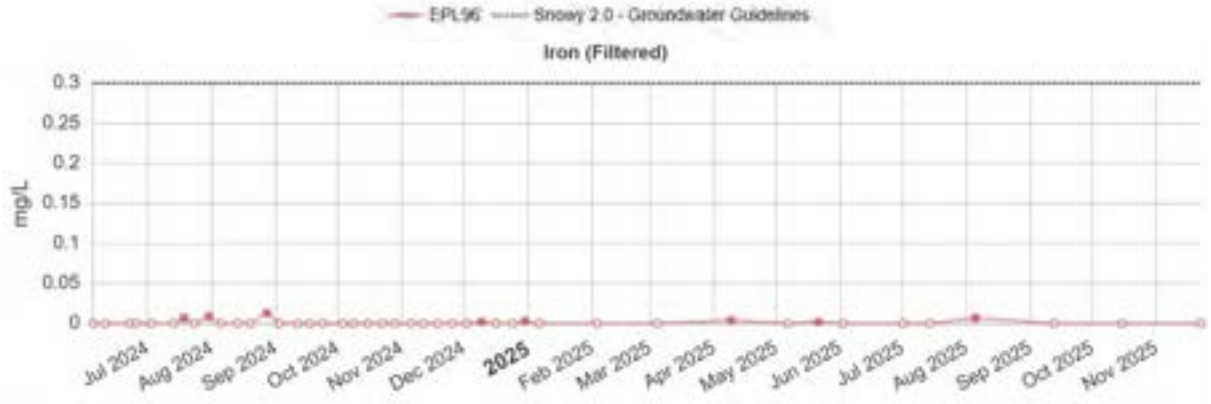

EPL96
Snowy 2.0 - Groundwater Guidelines
Ammonia as N
mg/L
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL96
Snowy 2.0 - Groundwater Guidelines

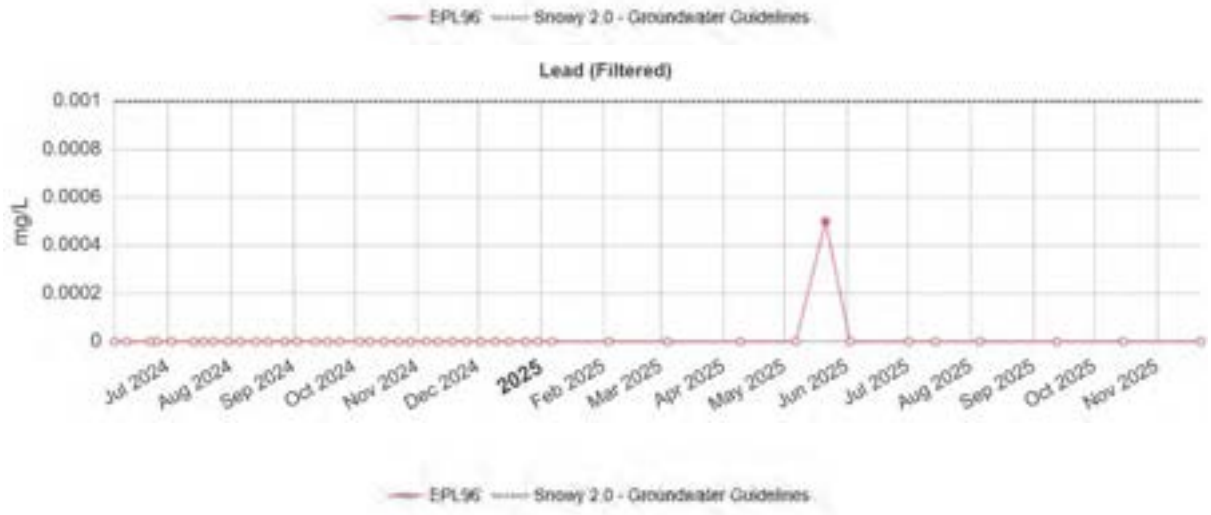

Arsenic (Filtered)
mg/L
0.0008
0.0007
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

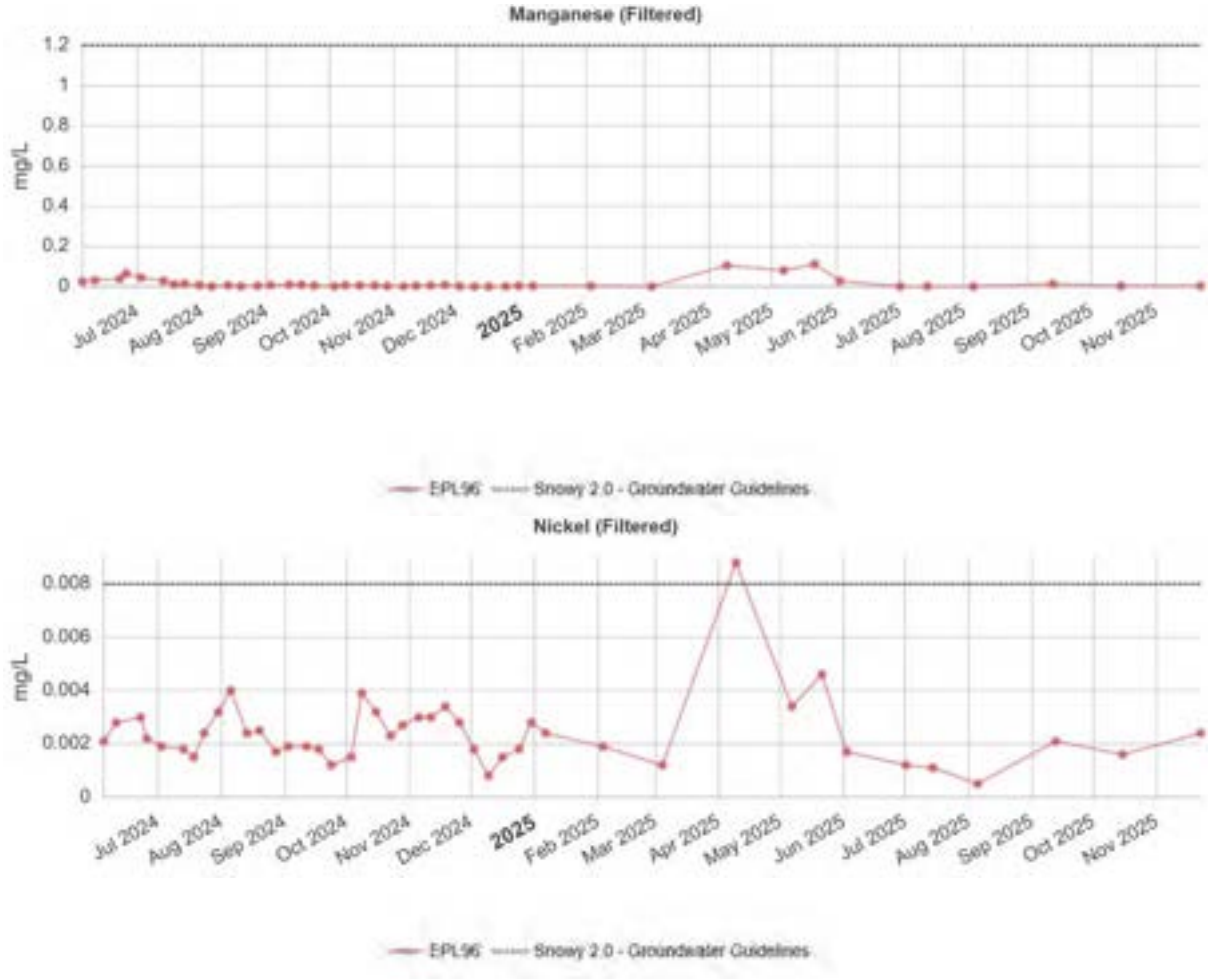

EPL96
Snowy 2.0 - Groundwater Guidelines
Chromium (III+VI) (Filtered)
mg/L
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

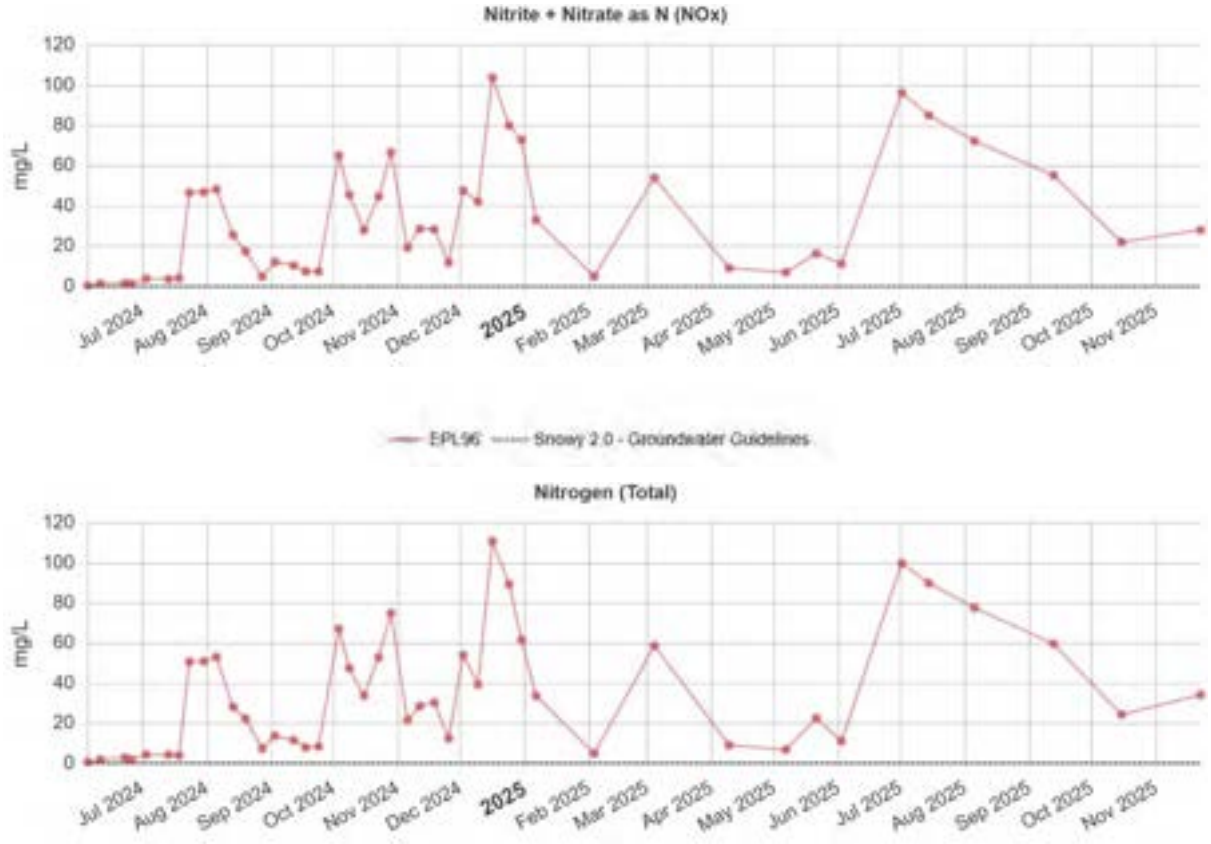

EPL96
Snowy 2.0 - Groundwater Guidelines
Copper (Filtered)
mg/L
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

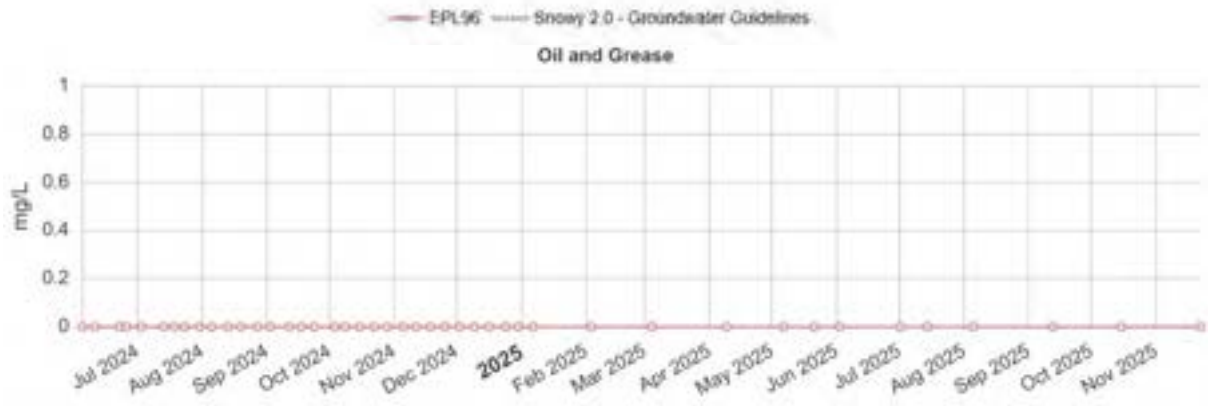

EPL96
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

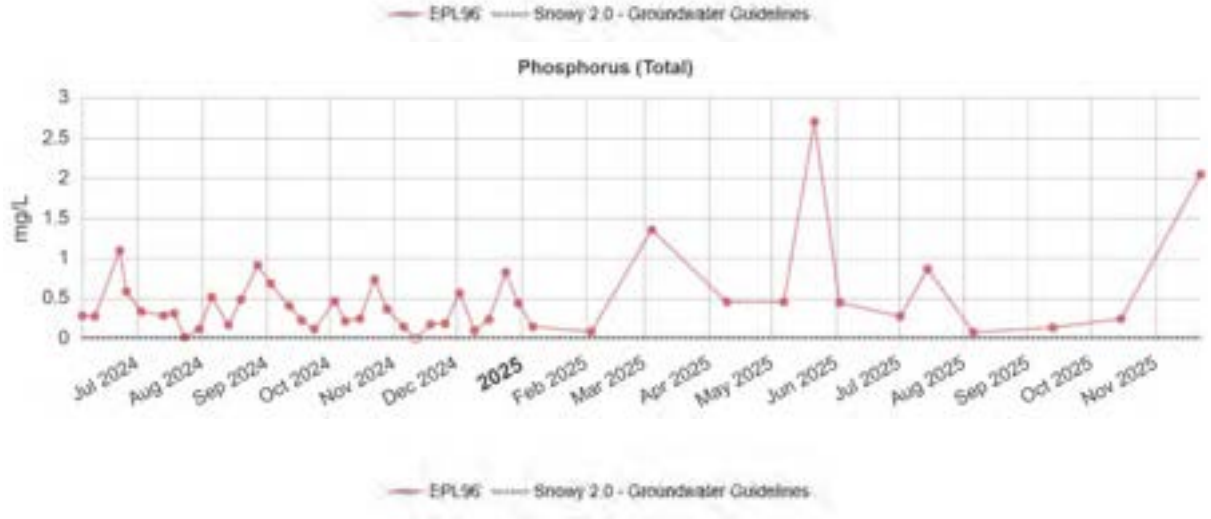

EPL96
Snowy 2.0 - Groundwater Guidelines
Iron (Filtered)
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

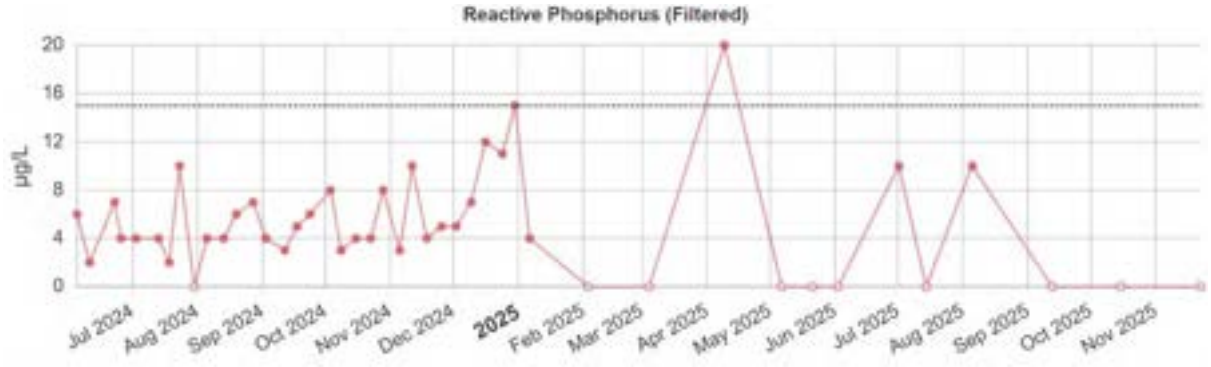

EPL96
Snowy 2.0 - Groundwater Guidelines
Lead (Filtered)
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL96
Snowy 2.0 - Groundwater Guidelines

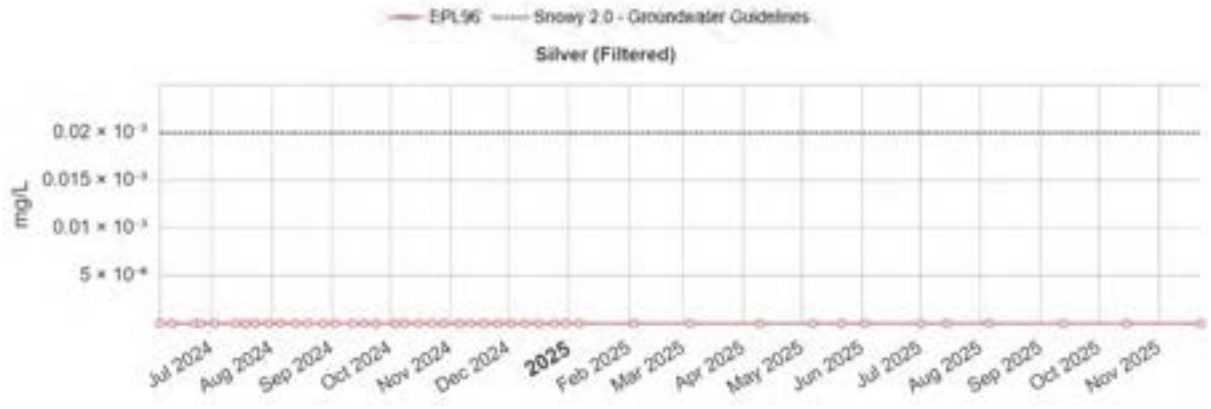

Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL96
Snowy 2.0 - Groundwater Guidelines
Nickel (Filtered)
mg/L
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL96
Snowy 2.0 - Groundwater Guidelines

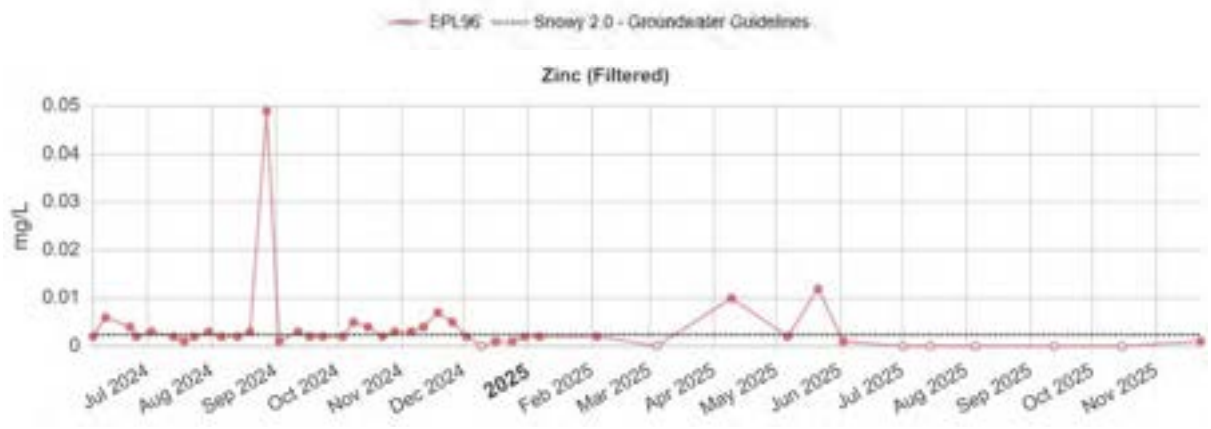

Nitrite + Nitrate as N (NOx)
mg/L
120
100
80
60
40
20
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL96
Snowy 2.0 - Groundwater Guidelines
Nitrogen (Total)
mg/L
120
100
80
60
40
20
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

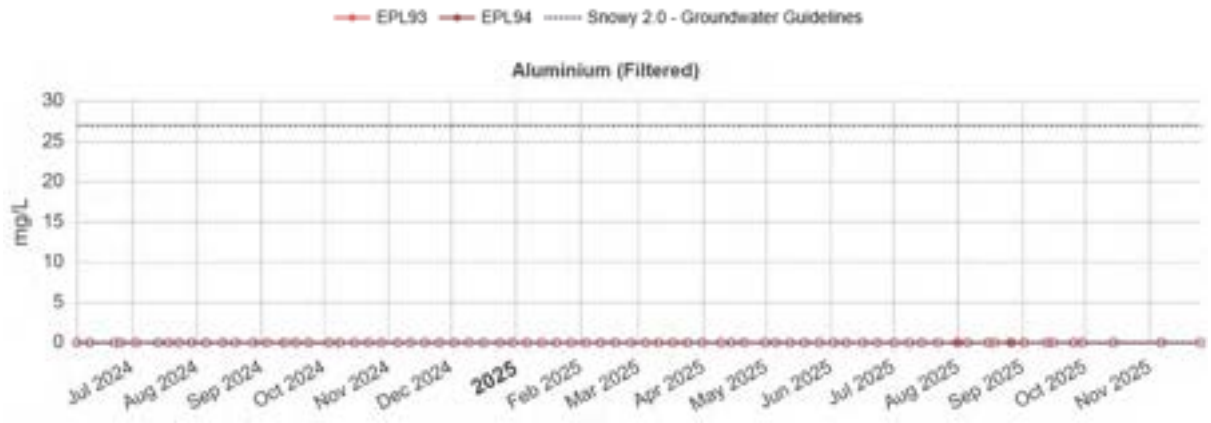

EPL96
Snowy 2.0 - Groundwater Guidelines
Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

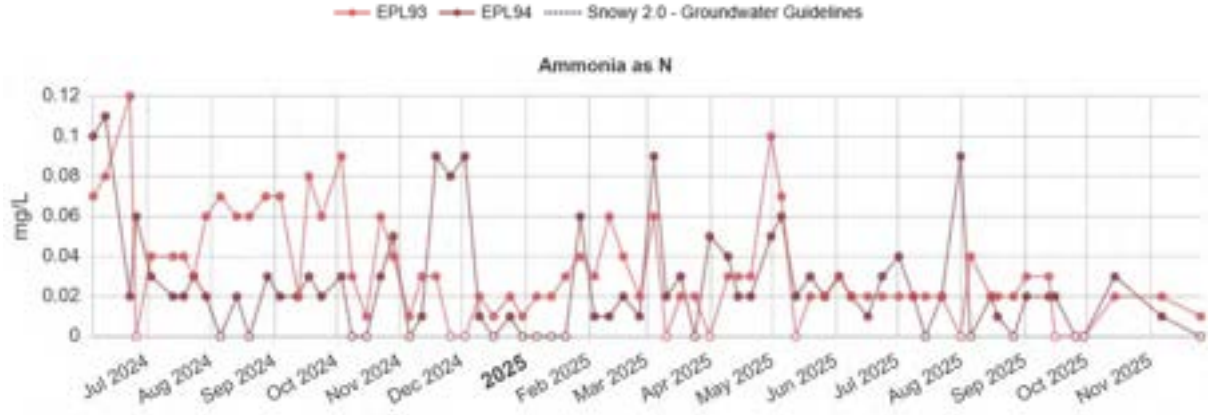

EPL96
Snowy 2.0 - Groundwater Guidelines
Phosphorus (Total)
mg/L
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

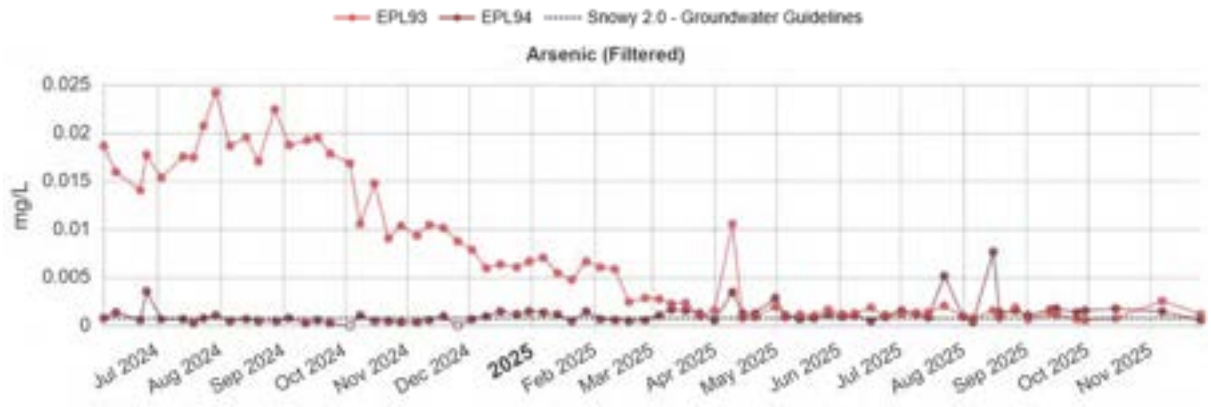

Reactive Phosphorus (Filtered)
µg/L
20
16
12
8
4
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL96
Snowy 2.0 - Groundwater Guidelines
Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

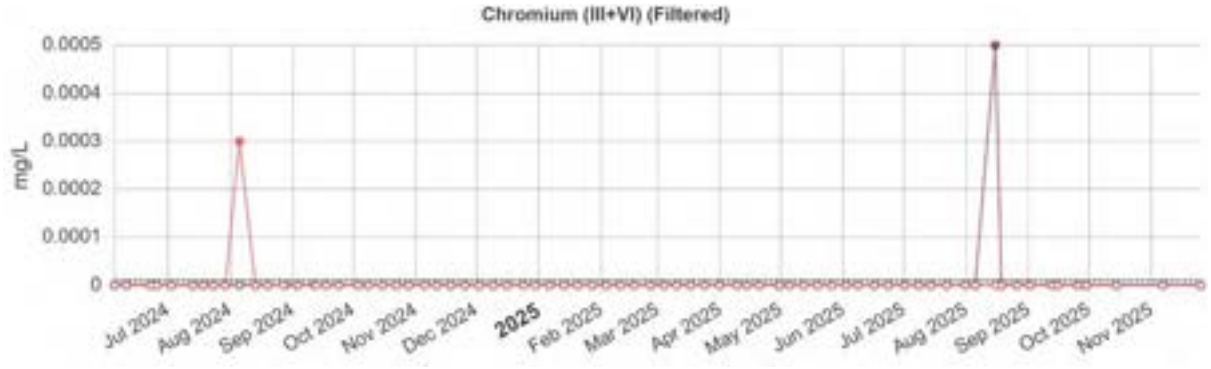

EPL96
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
mg/L
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

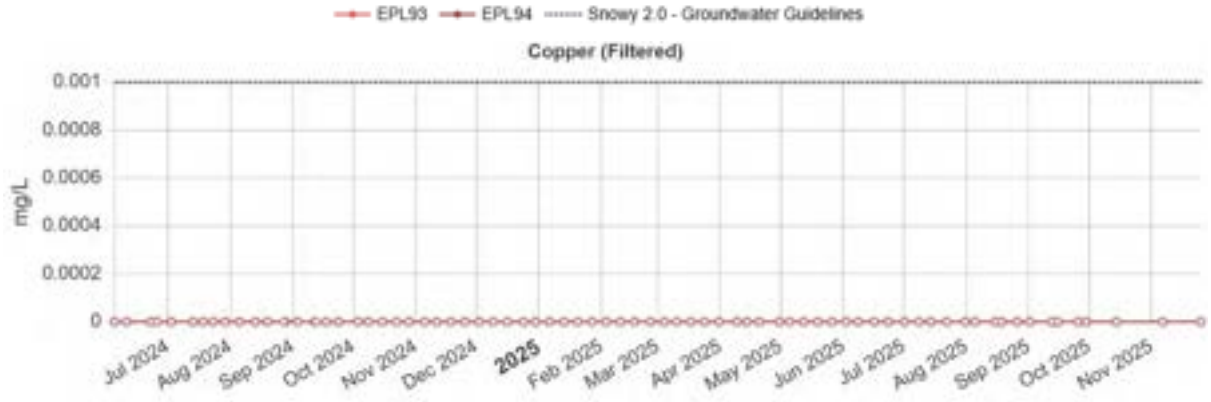

EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines
Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines
Ammonia as N
mg/L
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

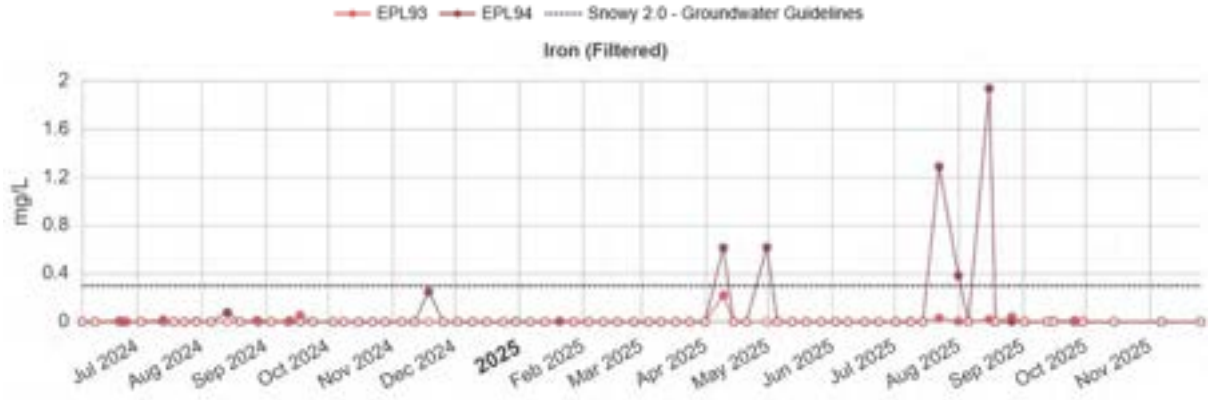


EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines

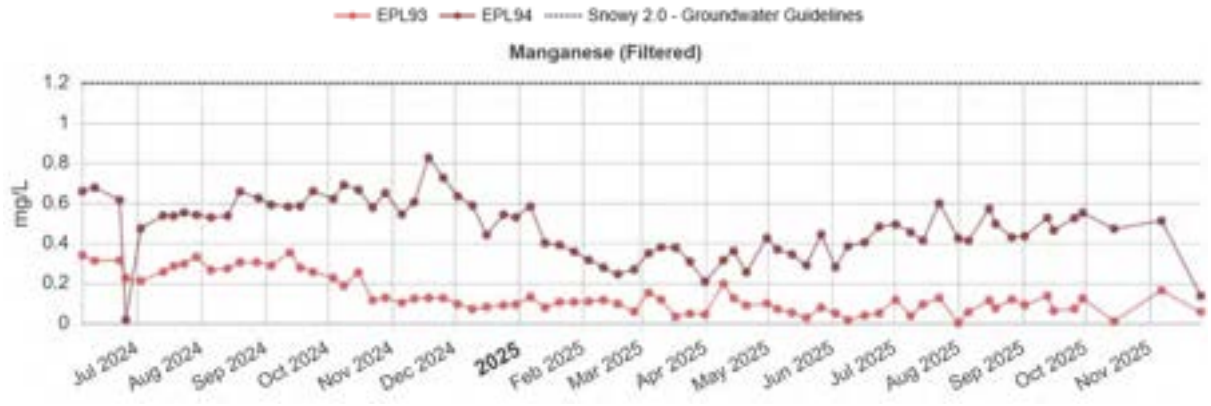

Chromium (III+VI) (Filtered)
mg/L
0.0005
0.0004
0.0003
0.0002
0.0001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

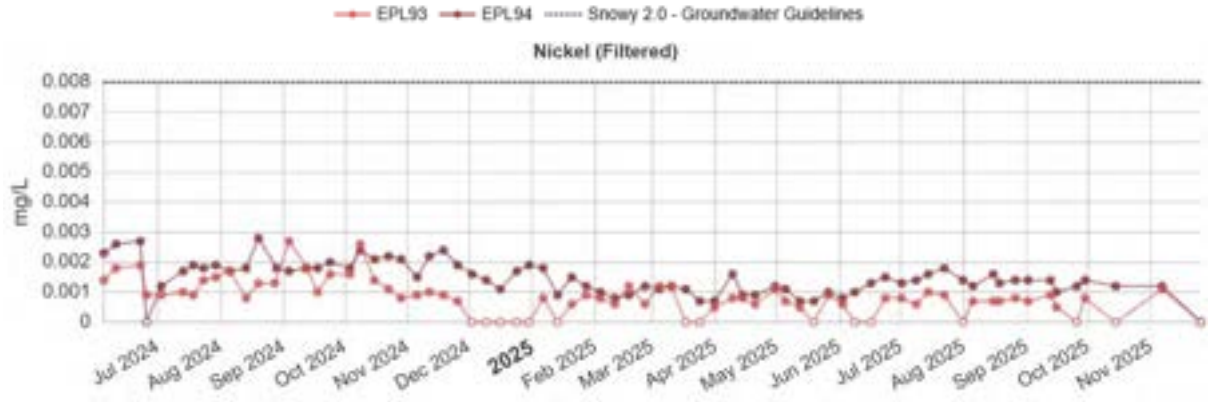

EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines
Copper (Filtered)
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

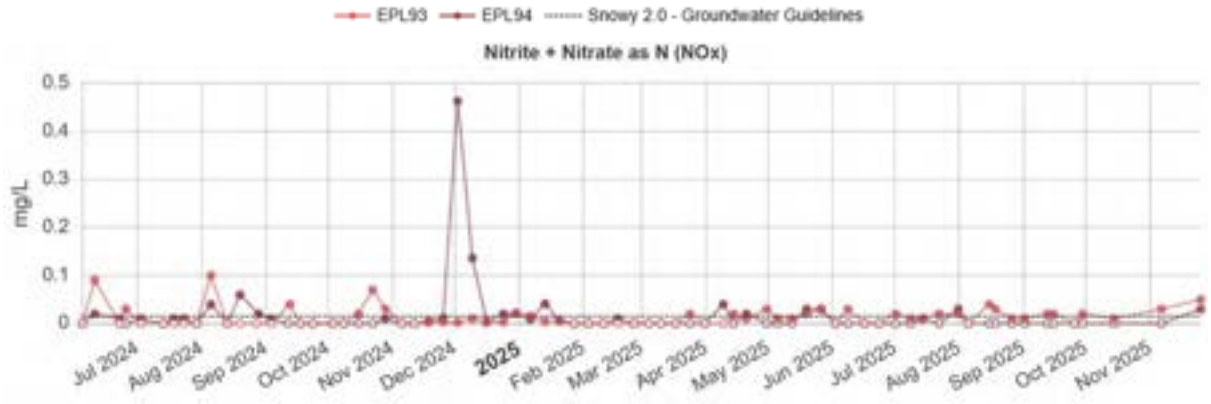
EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines
Iron (Filtered)
mg/L
2
1.6
1.2
0.8
0.4
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

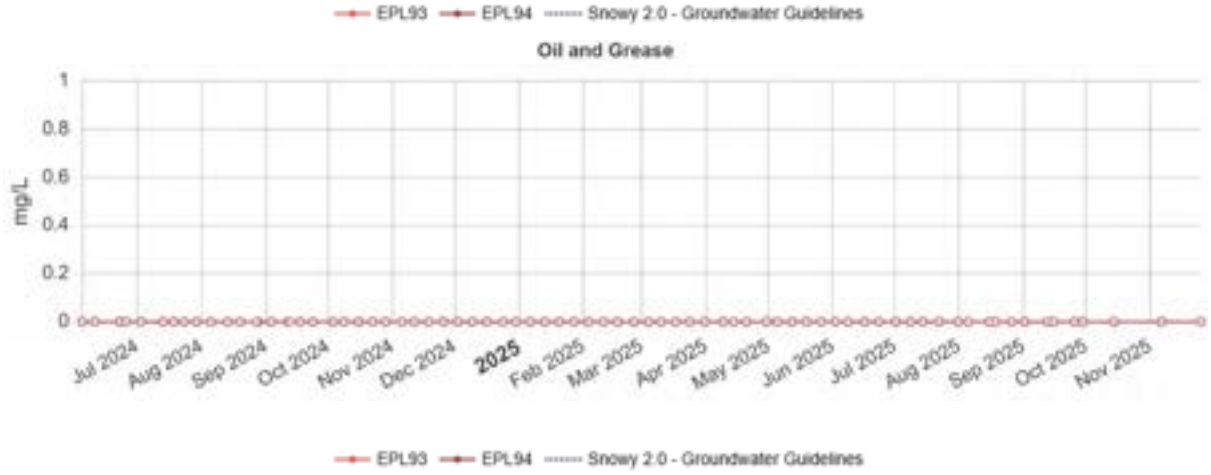
EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines
Lead (Filtered)
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

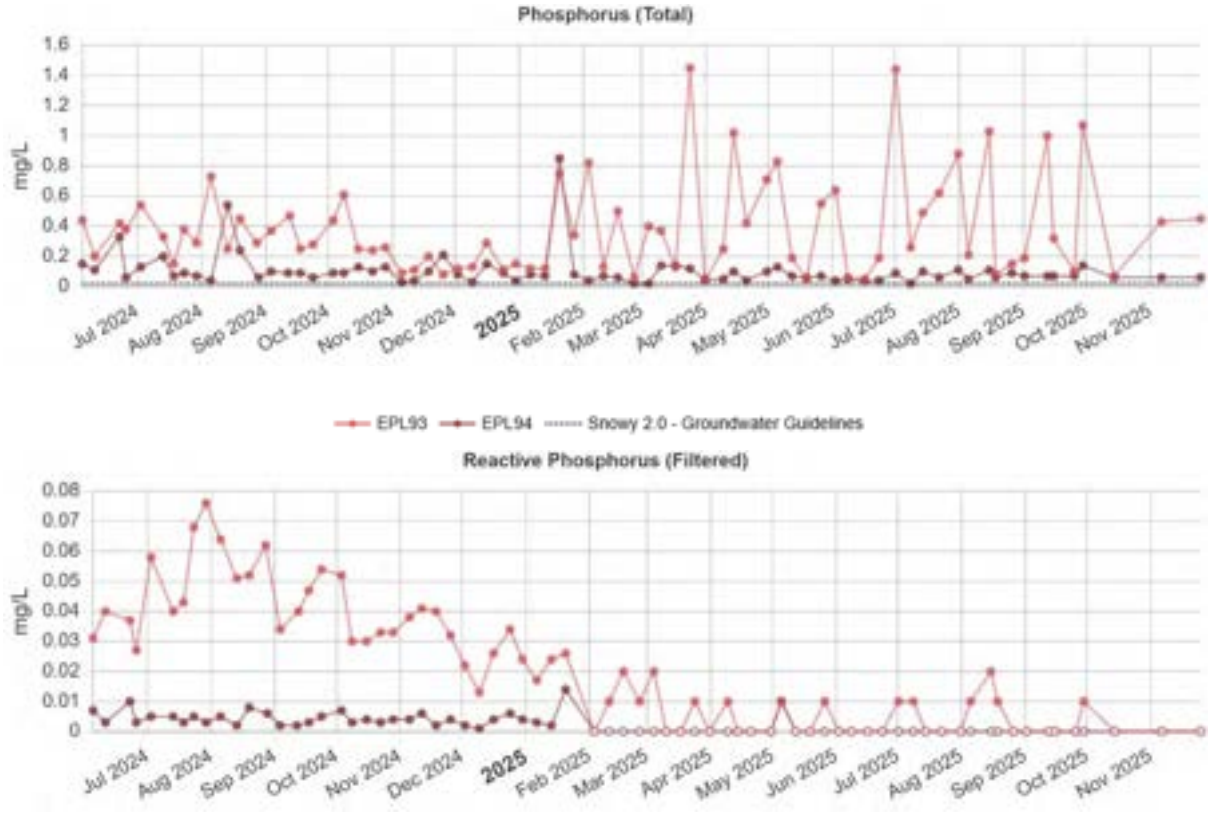

EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines
Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

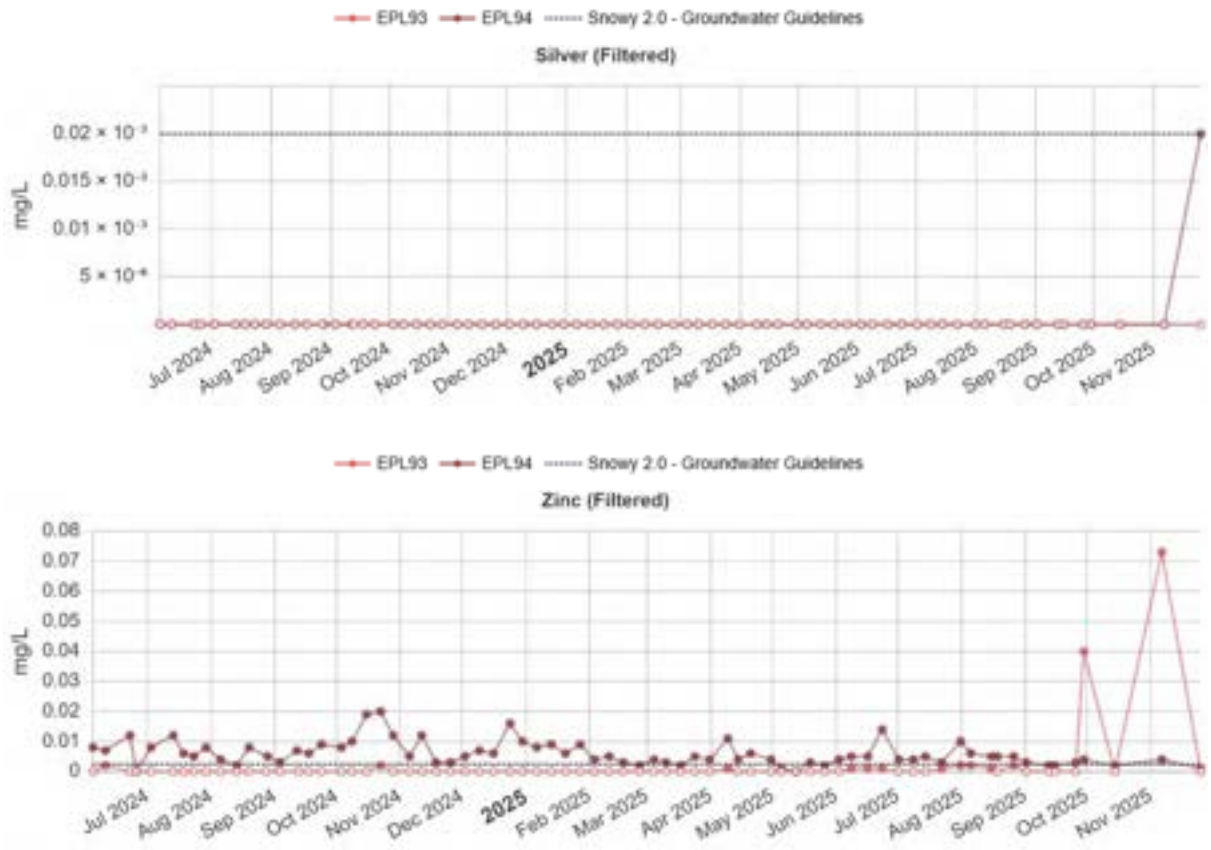

EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines
Nickel (Filtered)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

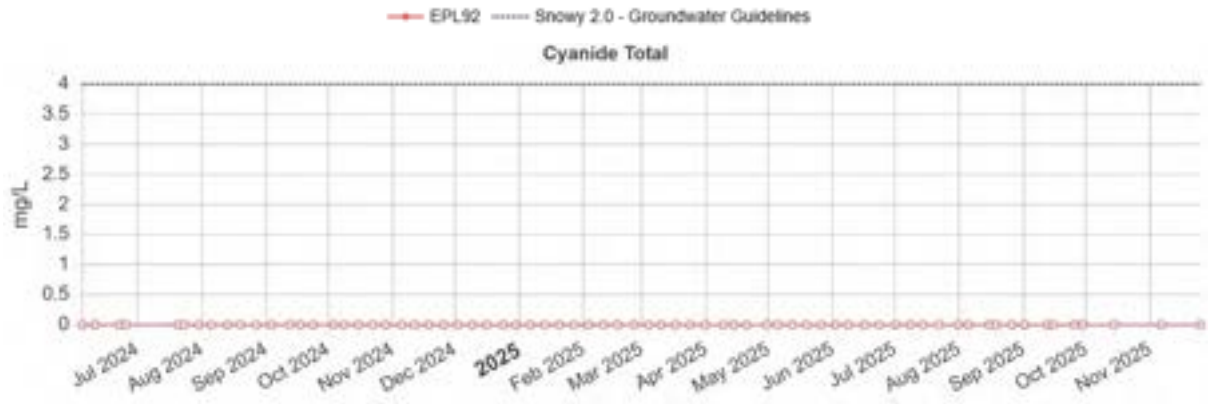

EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines
Nitrite + Nitrate as N (NOx)
mg/L
0.5
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

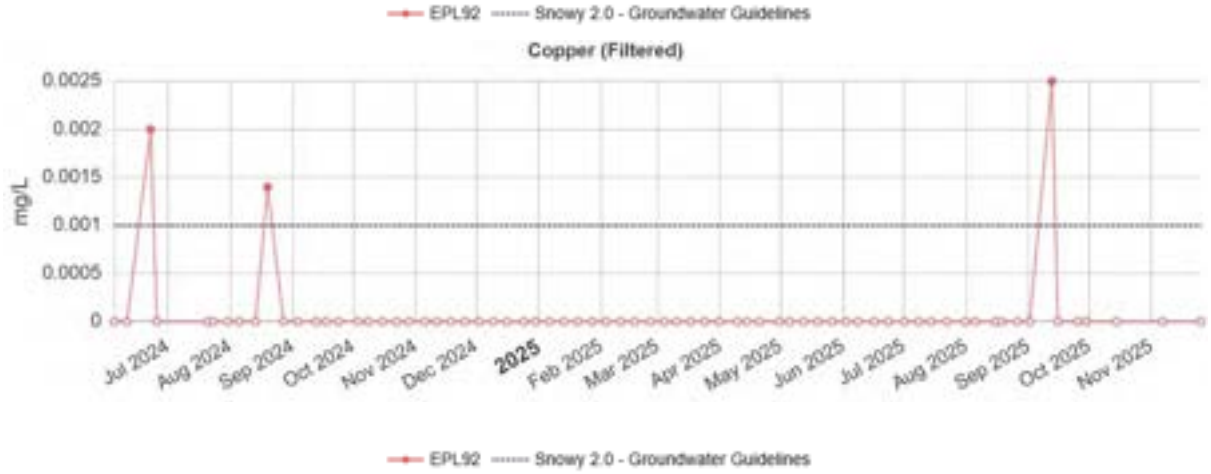
EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines
Nitrogen (Total)
mg/L
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

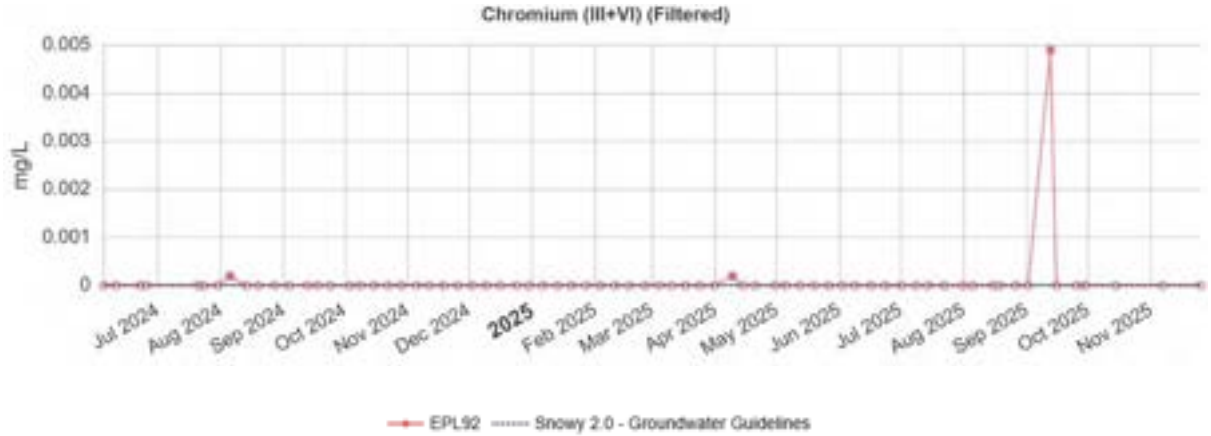

EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines
Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines

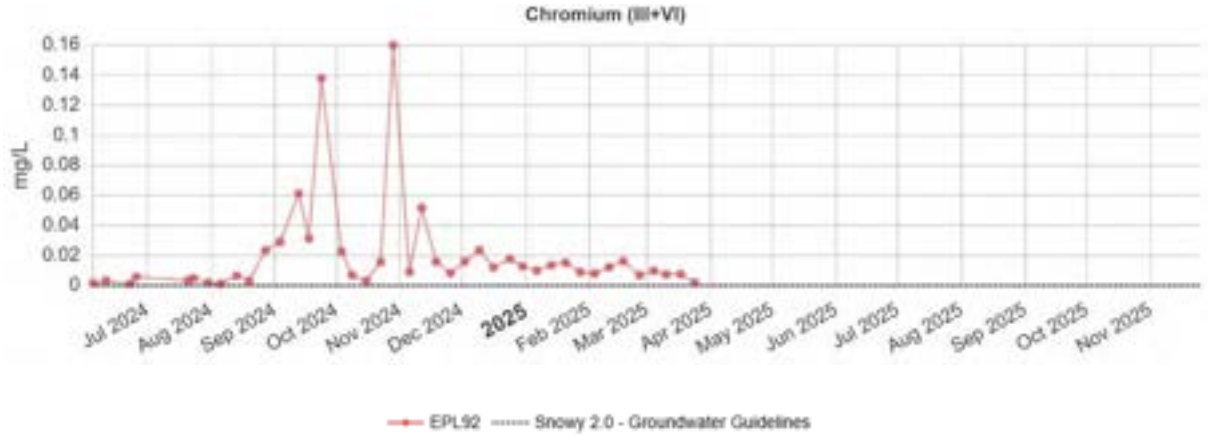

Phosphorus (Total)
mg/L
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines
Reactive Phosphorus (Filtered)
mg/L
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines
Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL93
EPL94
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
mg/L
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL92
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

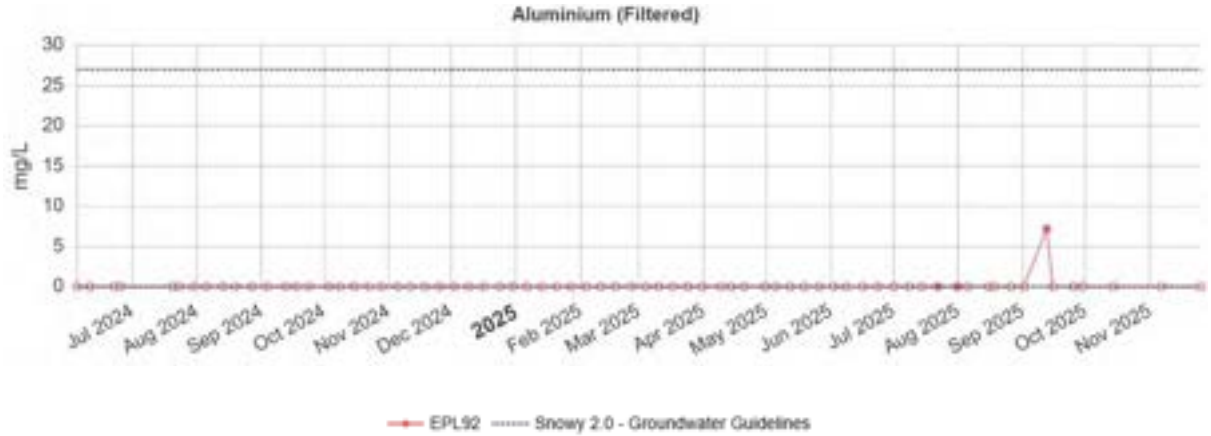

EPL92
Snowy 2.0 - Groundwater Guidelines
Copper (Filtered)
mg/L
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines

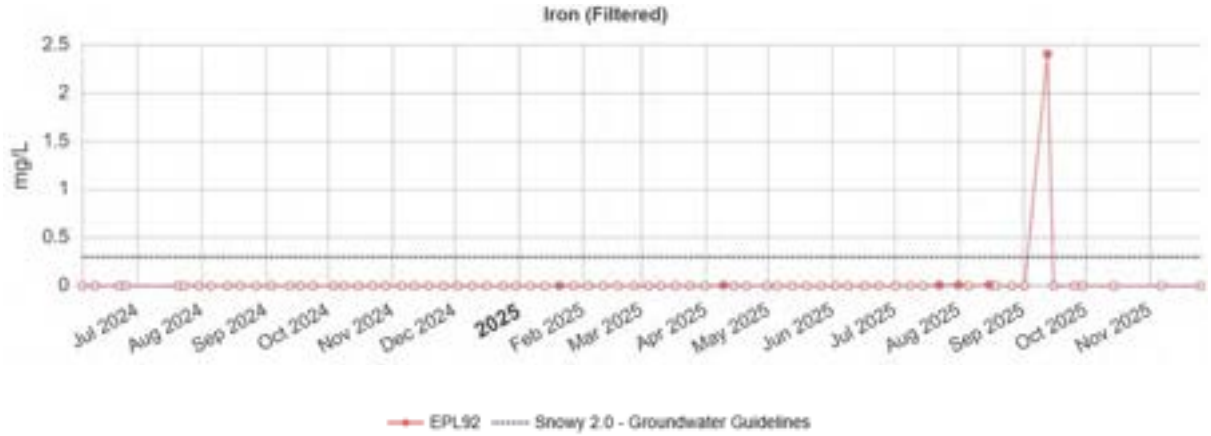

Chromium (III+VI) (Filtered)
mg/L
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines

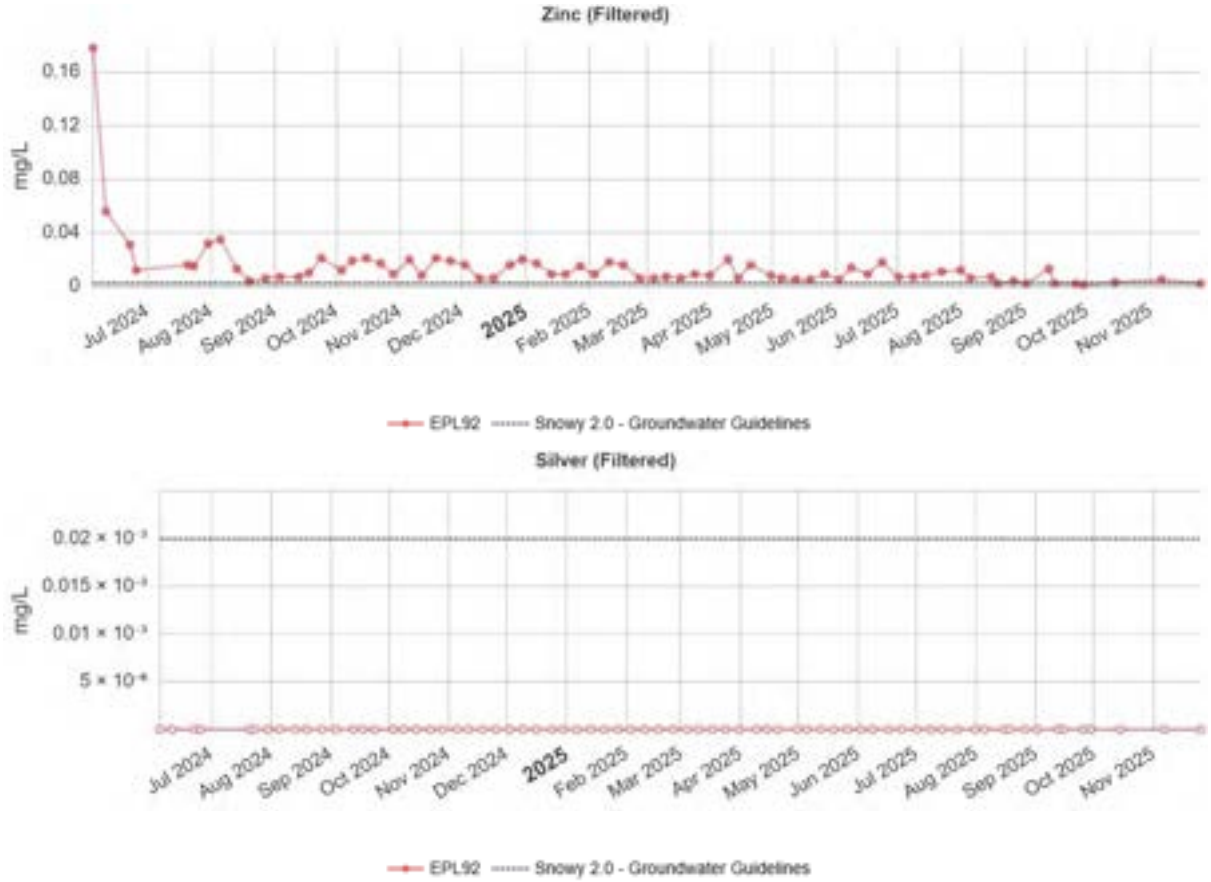

Chromium (III+VI)
mg/L
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines

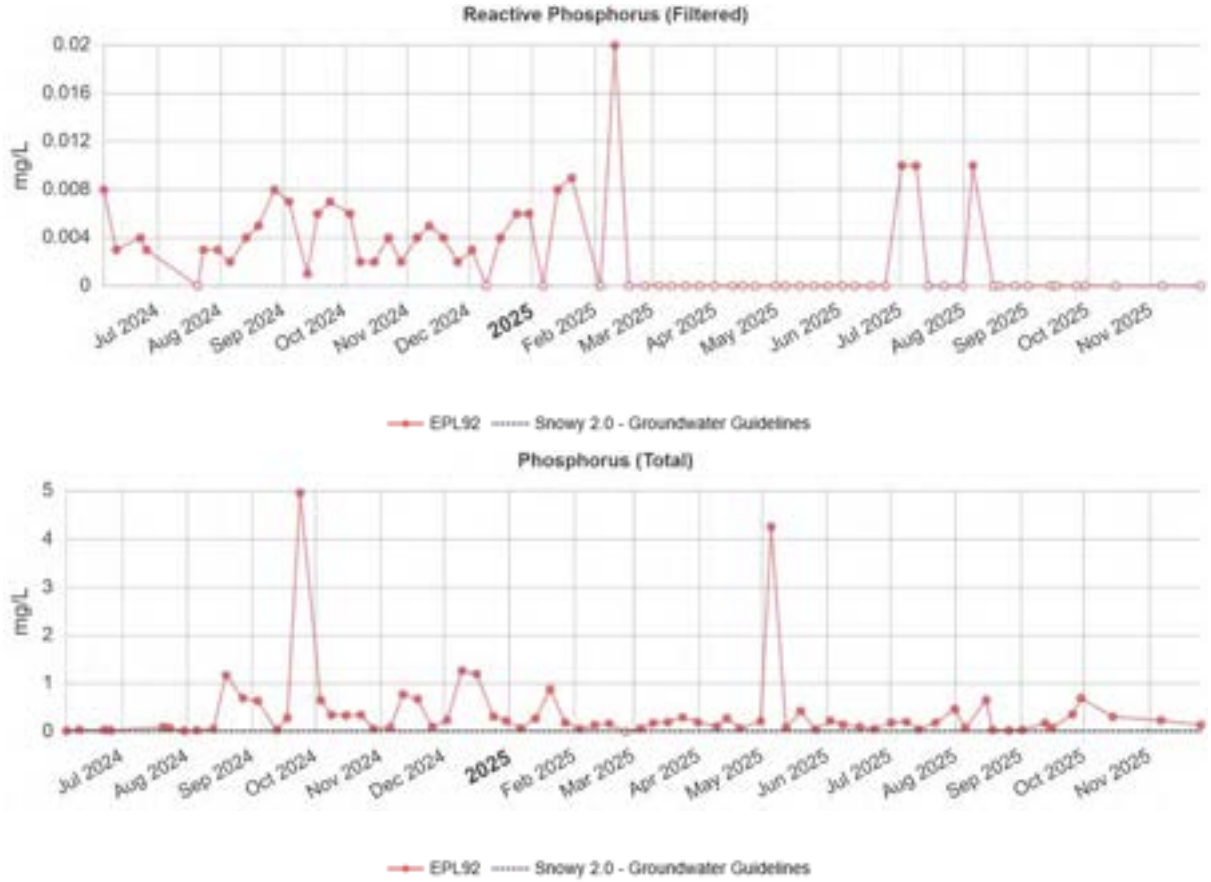
Arsenic (Filtered)
mg/L
0.0016
0.0012
0.0008
0.0004
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines

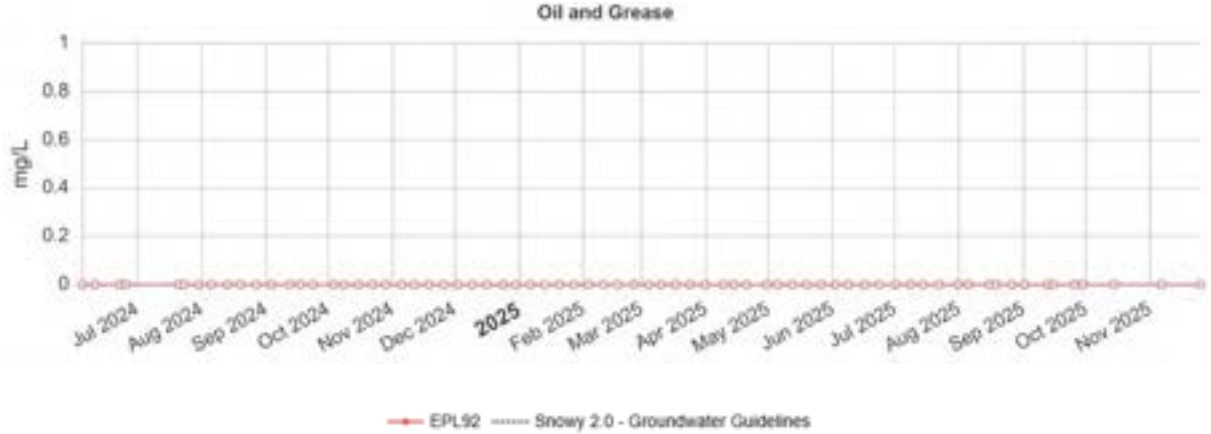
Ammonia as N
mg/L
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines

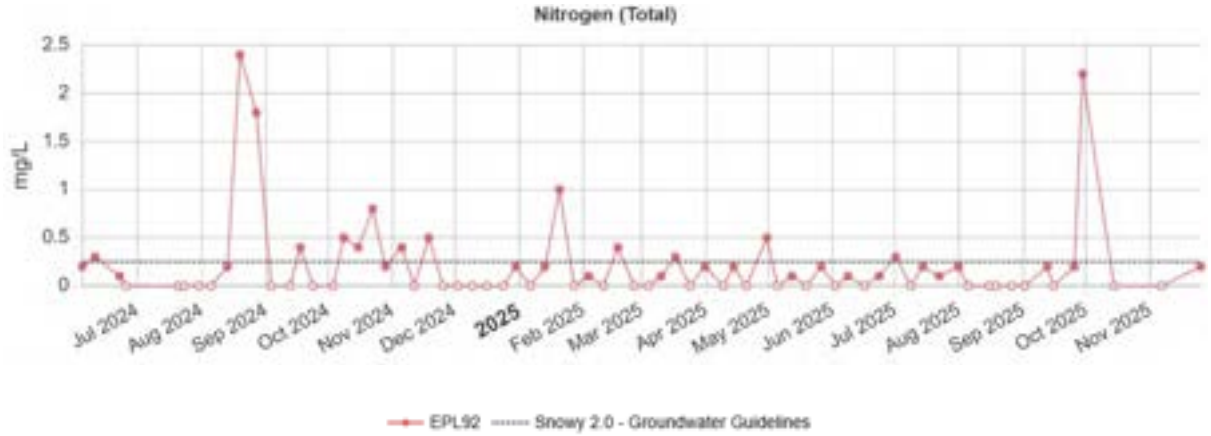

Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines


Iron (Filtered)
mg/L
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines

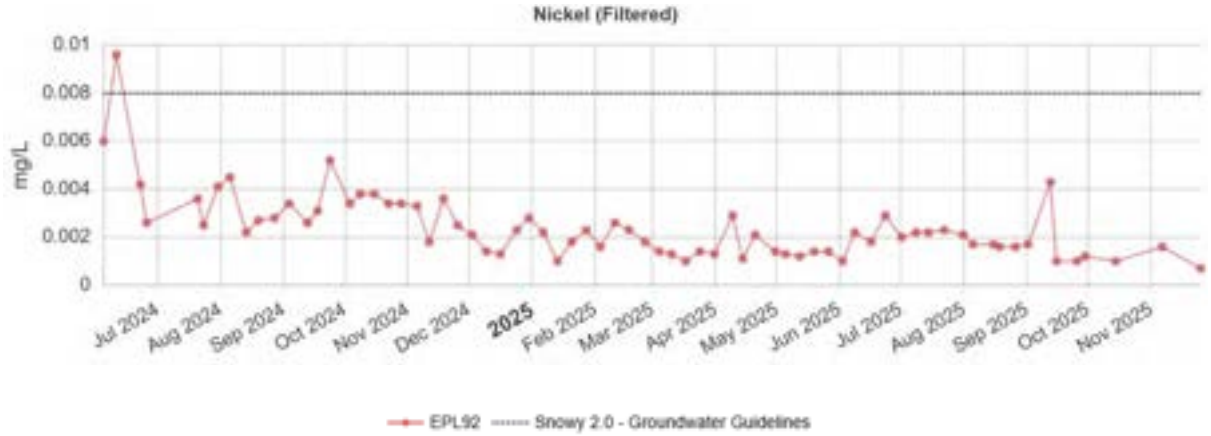

Zinc (Filtered)
mg/L
0.16
0.12
0.08
0.04
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines
Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines

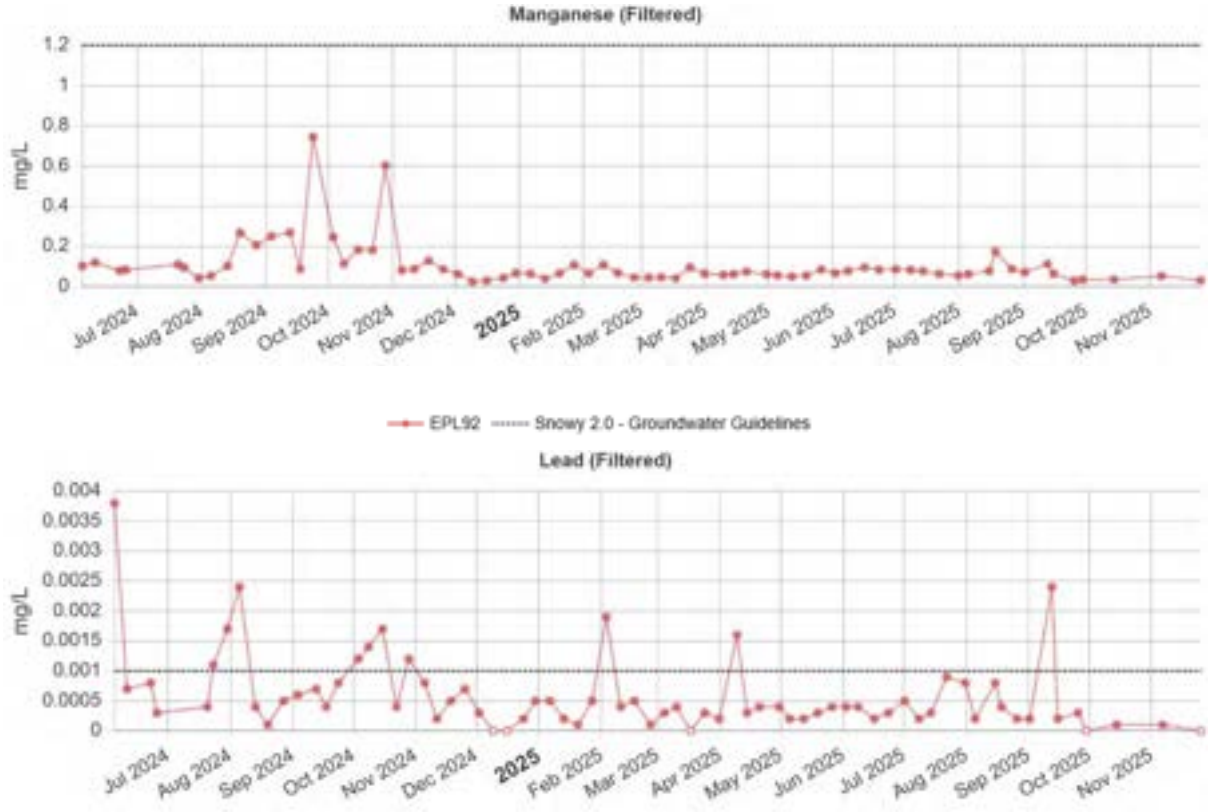

Reactive Phosphorus (Filtered)
mg/L
0.02
0.016
0.012
0.008
0.004
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines
Phosphorus (Total)
mg/L
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines


Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines


Nitrogen (Total)
mg/L
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines

Nitrite + Nitrate as N (NOx)
mg/L
0.2
0.16
0.12
0.08
0.04
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines


Nickel (Filtered)
mg/L
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines


Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL92
Snowy 2.0 - Groundwater Guidelines
Lead (Filtered)
mg/L
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
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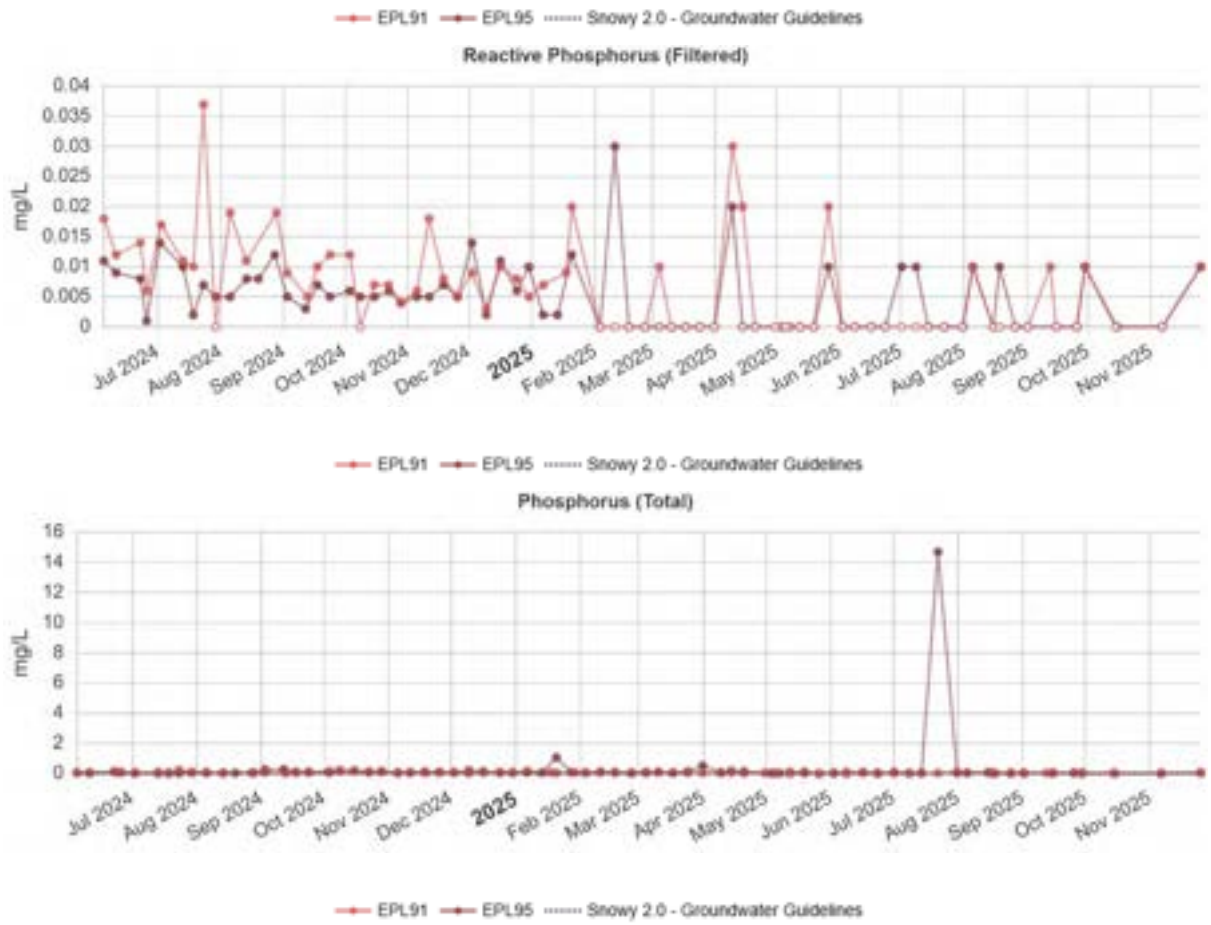
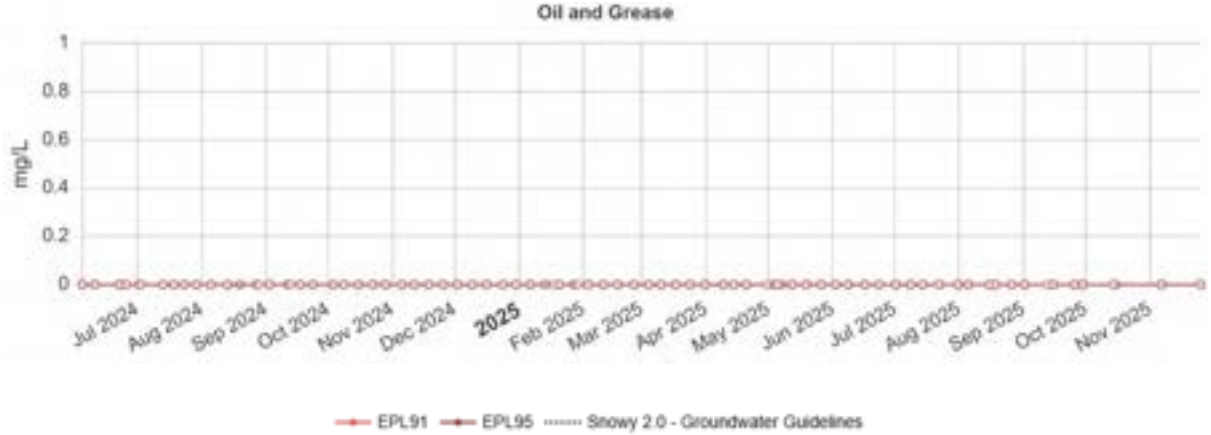
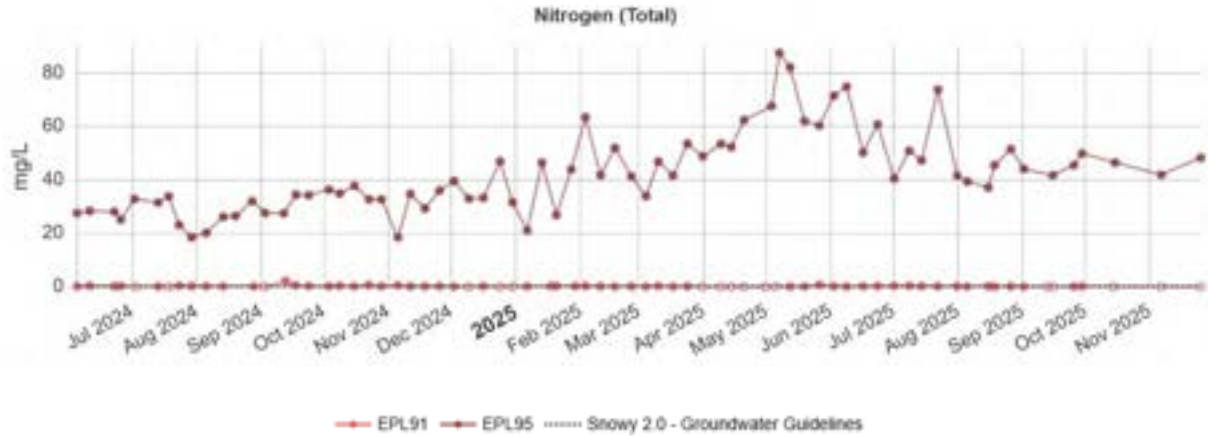
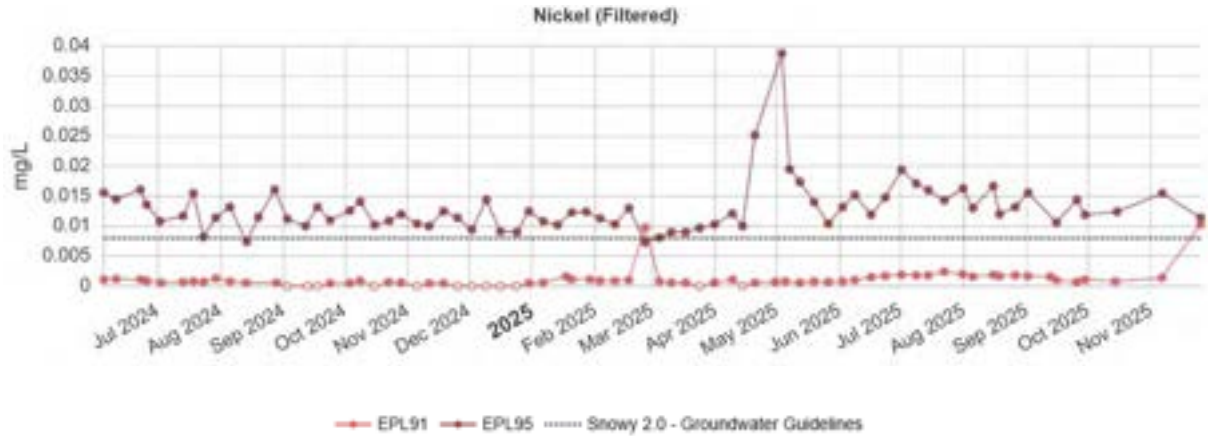
Sep 2025
Oct 2025
Nov 2025


EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines
Reactive Phosphorus (Filtered)
mg/L
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines
Phosphorus (Total)
mg/L
16
14
12
10
8
6
4
2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines


Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines

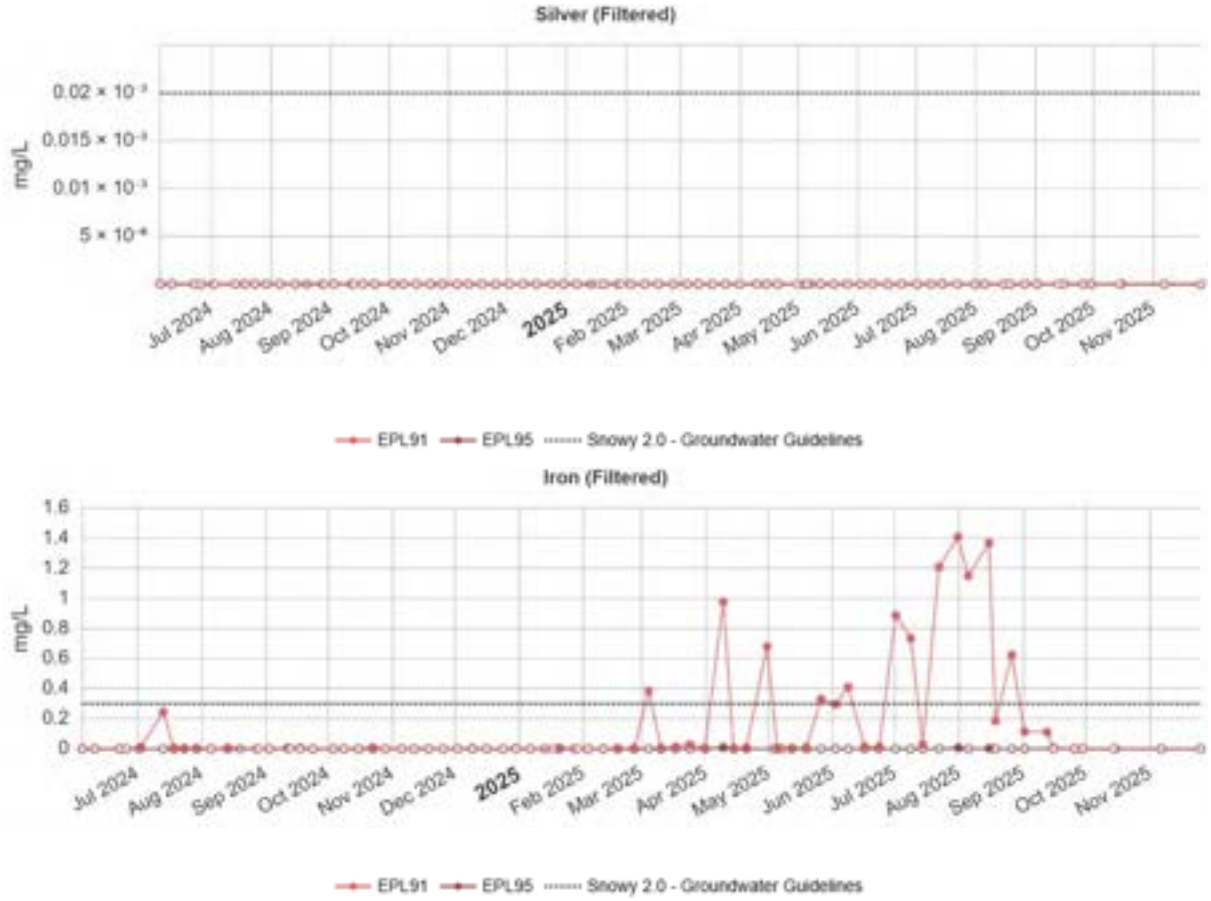

Nitrogen (Total)
mg/L
80
60
40
20
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines

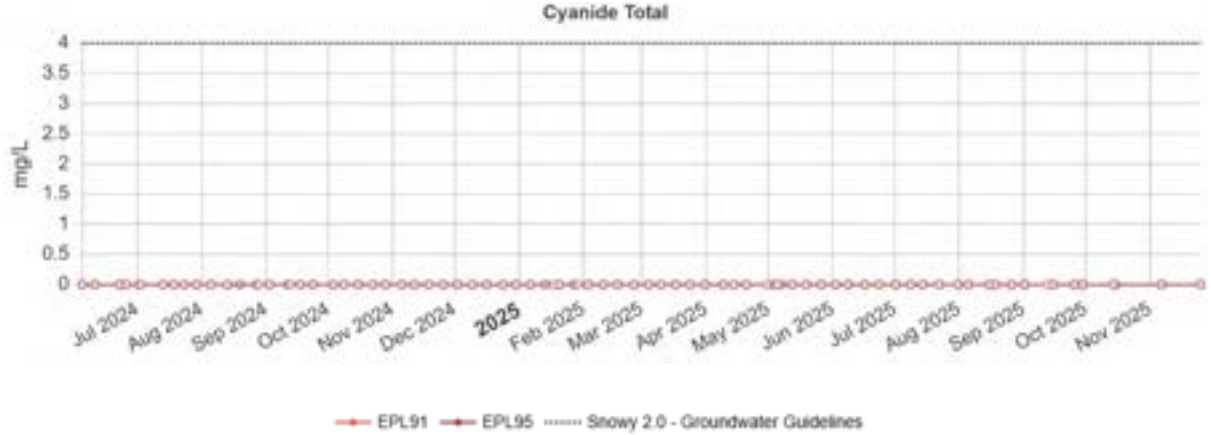
Nitrite + Nitrate as N (NOx)
mg/L
80
70
60
50
40
30
20
10
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines

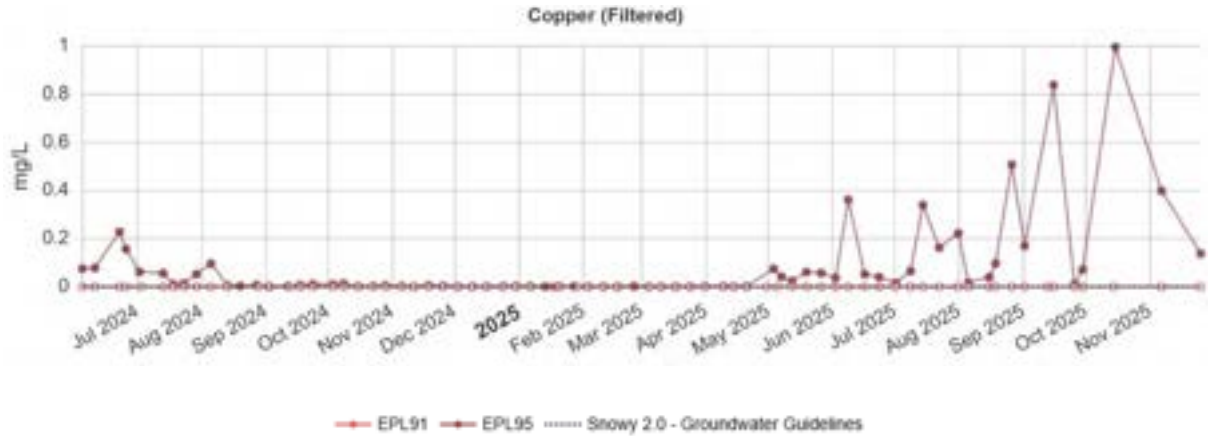

Nickel (Filtered)
mg/L
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines

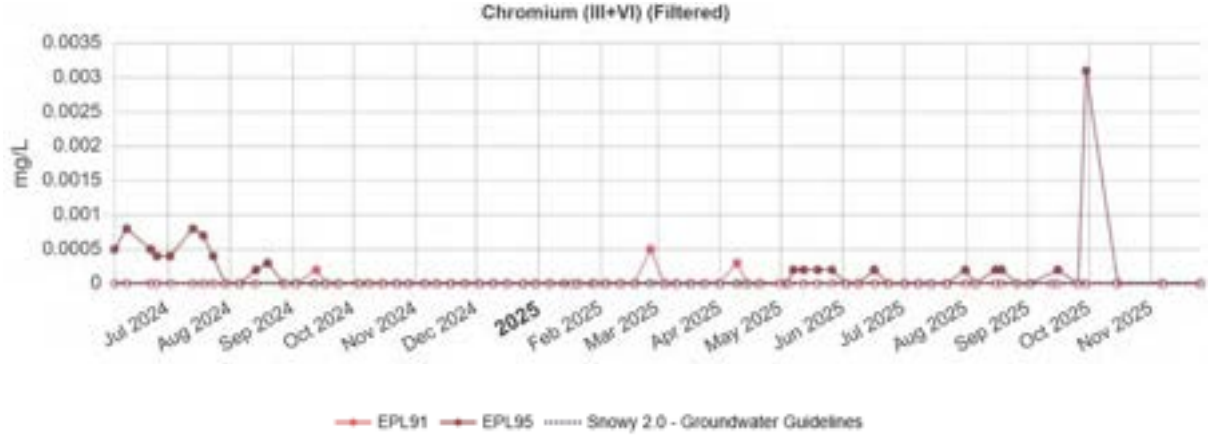
Manganese (Filtered)
mg/L
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines

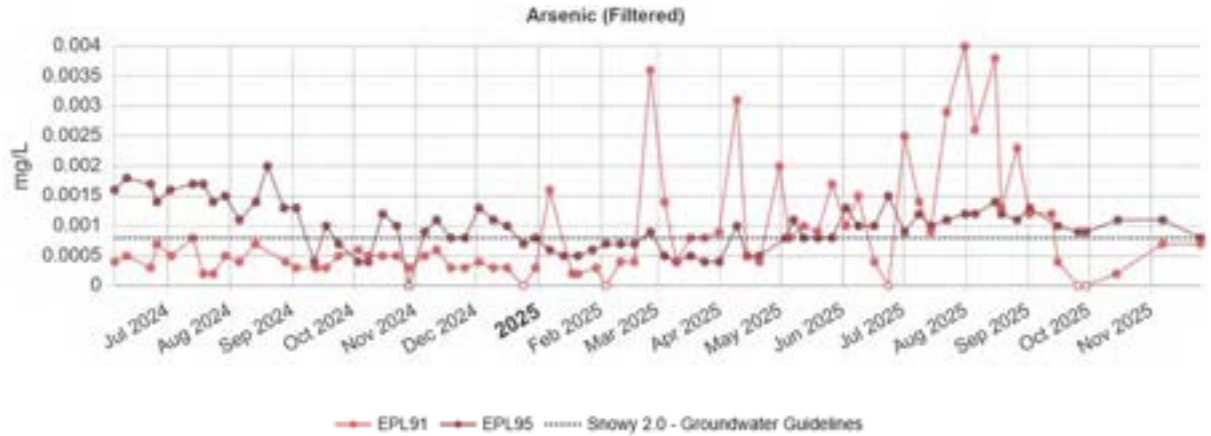
Lead (Filtered)
mg/L
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines

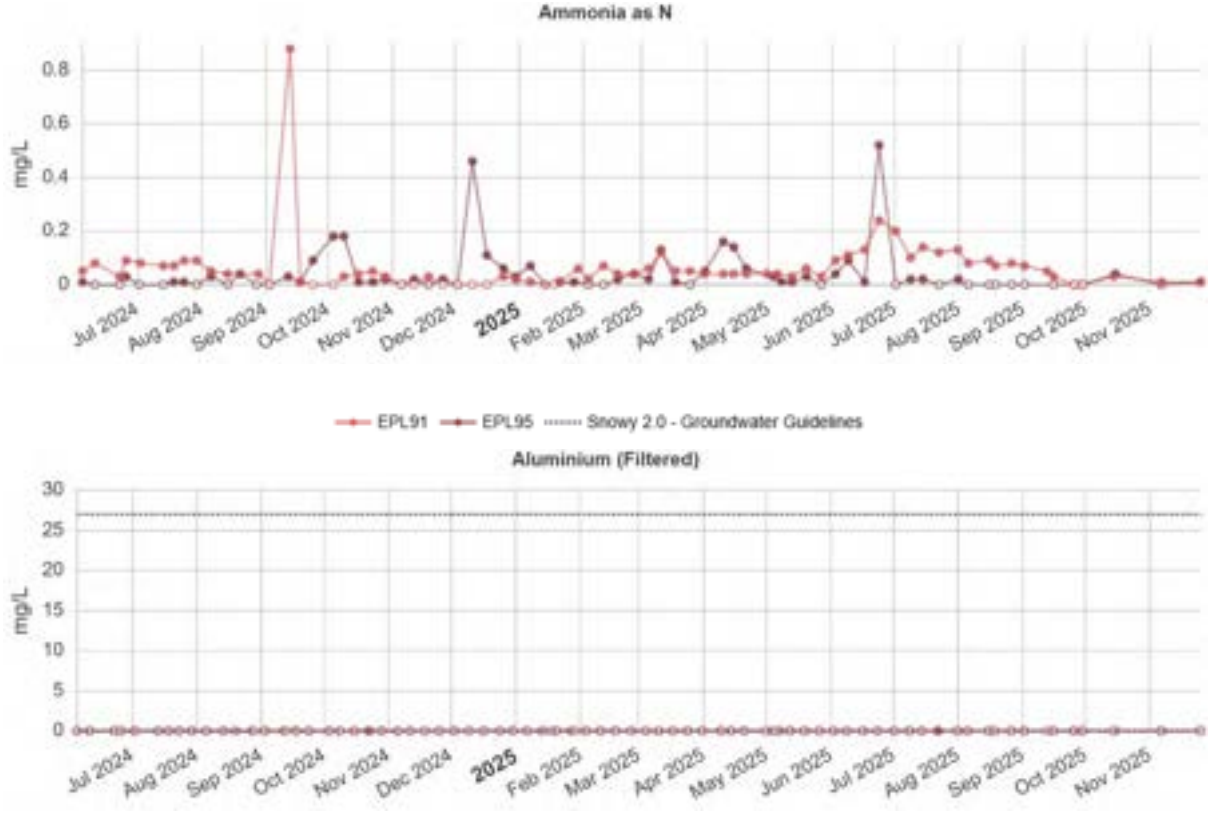

Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines
Iron (Filtered)
mg/L
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines

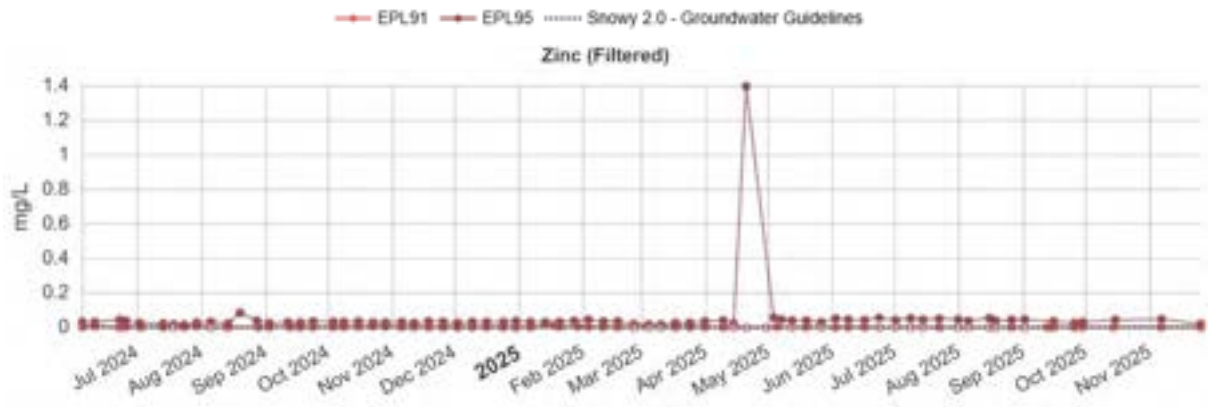

Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines

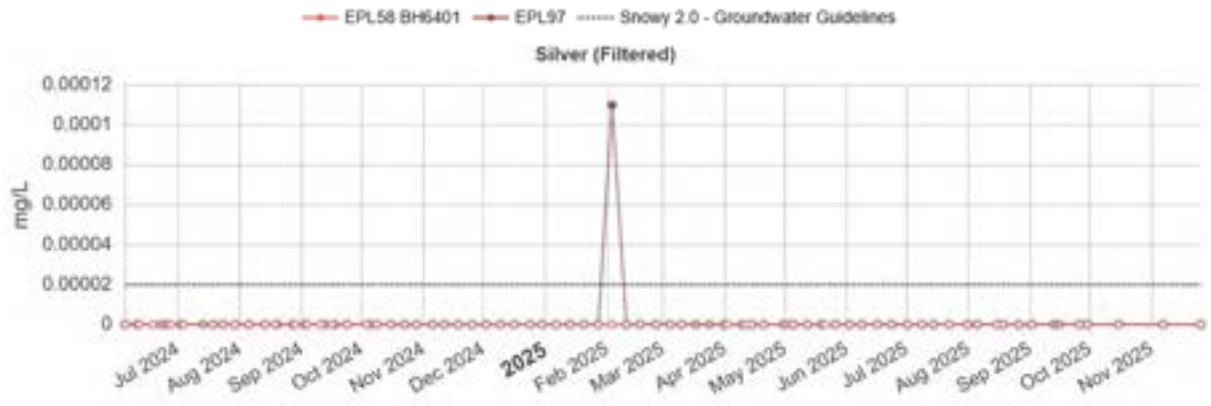

Copper (Filtered)
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines


Chromium (III+VI) (Filtered)
mg/L
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines


Arsenic (Filtered)
mg/L
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines


Ammonia as N
mg/L
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines
Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL91
EPL95
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
mg/L
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025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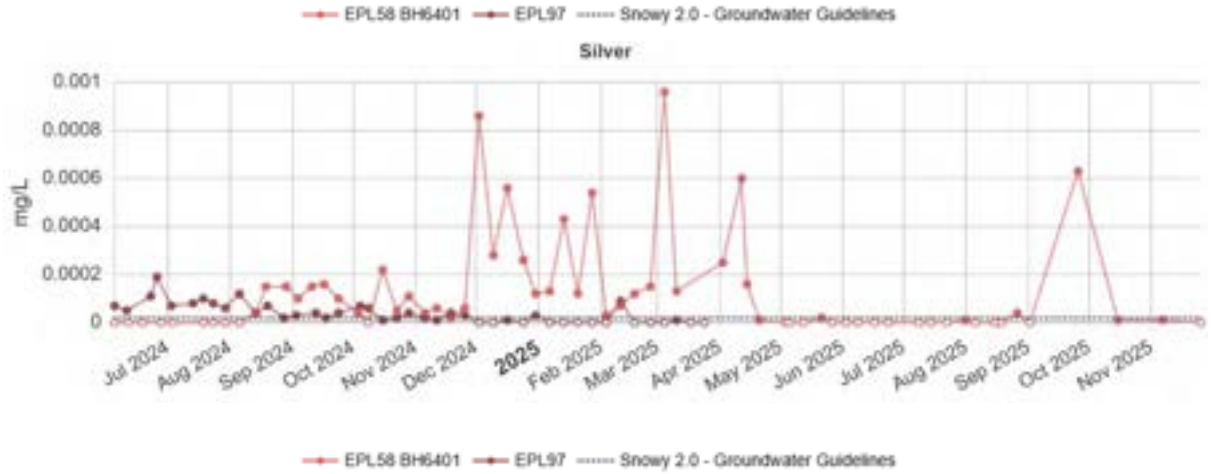
EPL97
Snowy 2.0 - Groundwater Guidelines
Silver (Filtered)
mg/L
0.00012
0.0001
0.00008
0.00006
0.00004
0.00002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025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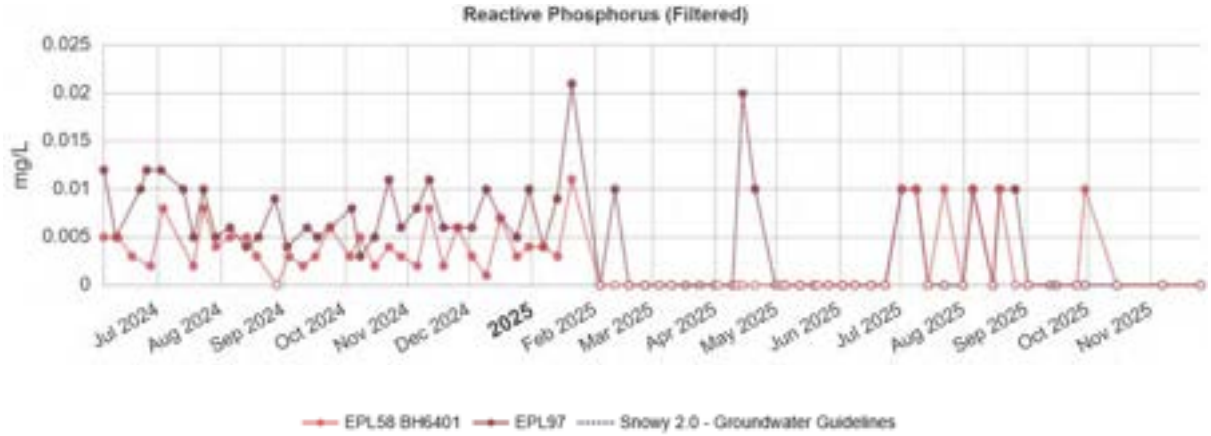
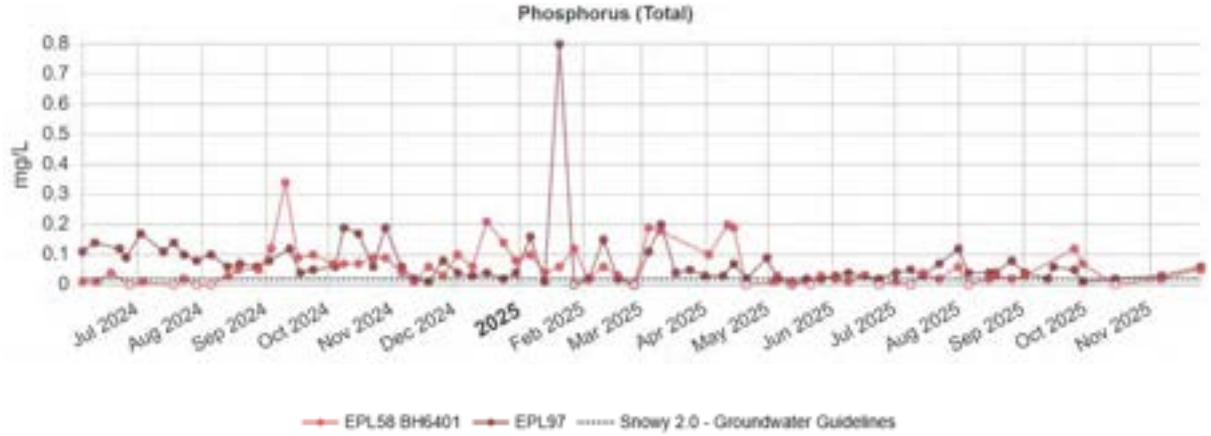
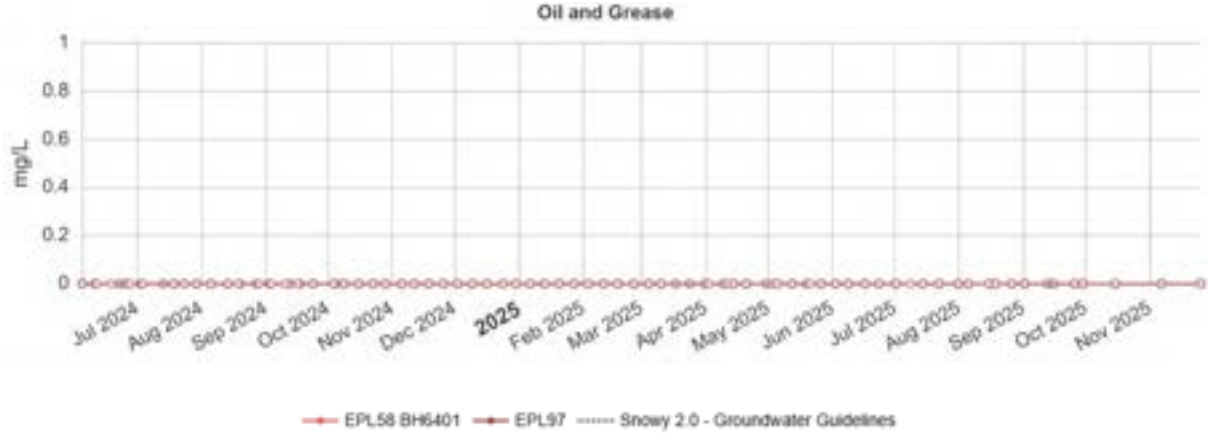
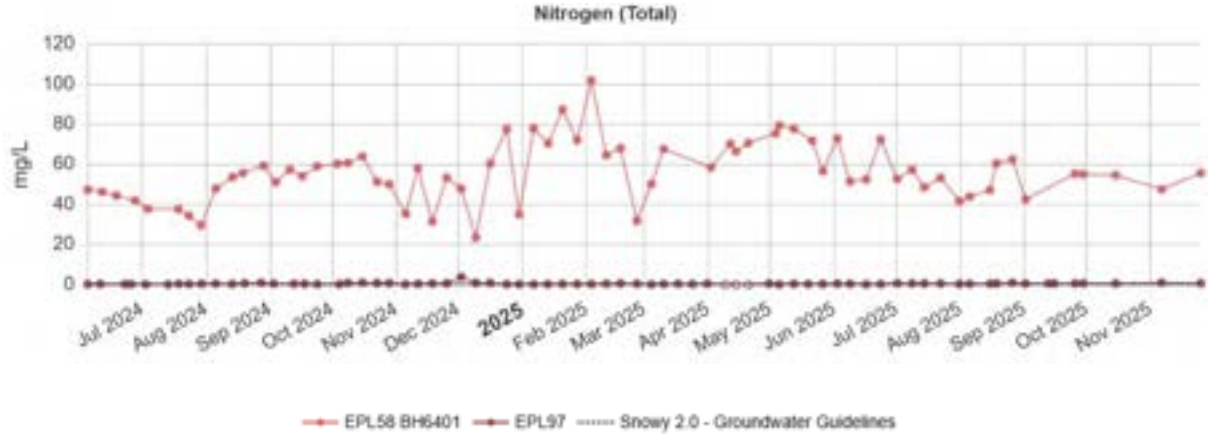
EPL97
Snowy 2.0 - Groundwater Guidelines
Silver
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

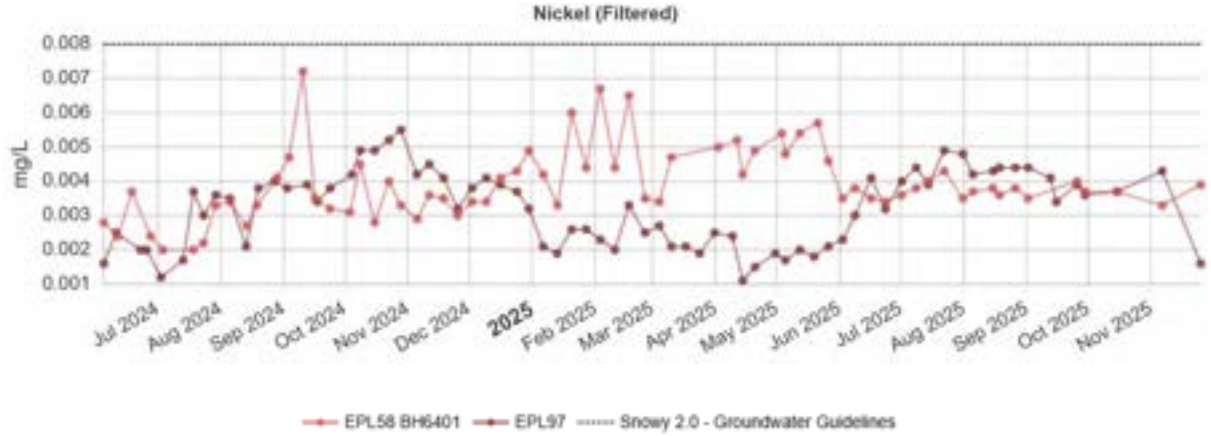

Reactive Phosphorus (Filtered)
mg/L
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines


Phosphorus (Total)
mg/L
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines


Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines


Nitrogen (Total)
mg/L
120
100
80
60
40
20
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

Nitrite + Nitrate as N (NOx)
mg/L
80
60
40
20
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines


Nickel (Filtered)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

Nickel
mg/L
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines
Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
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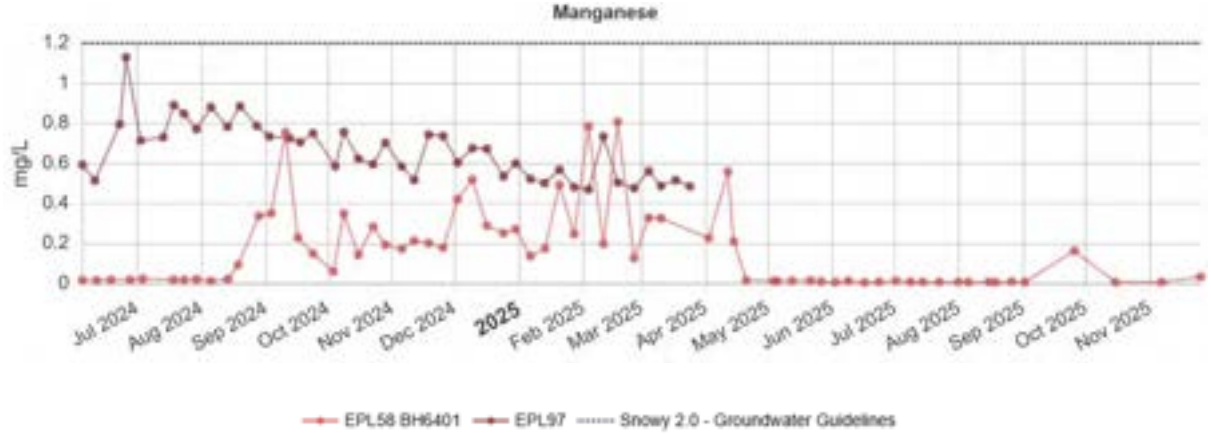
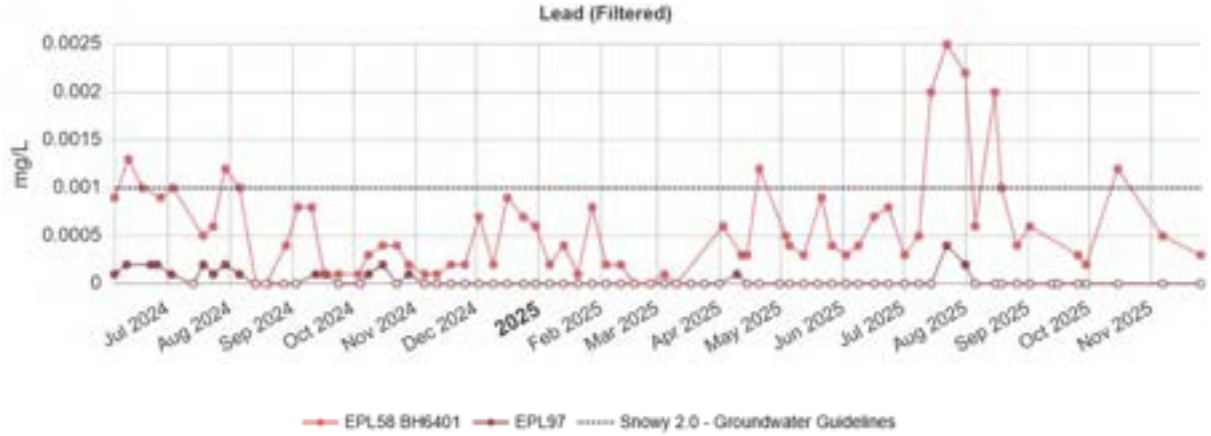
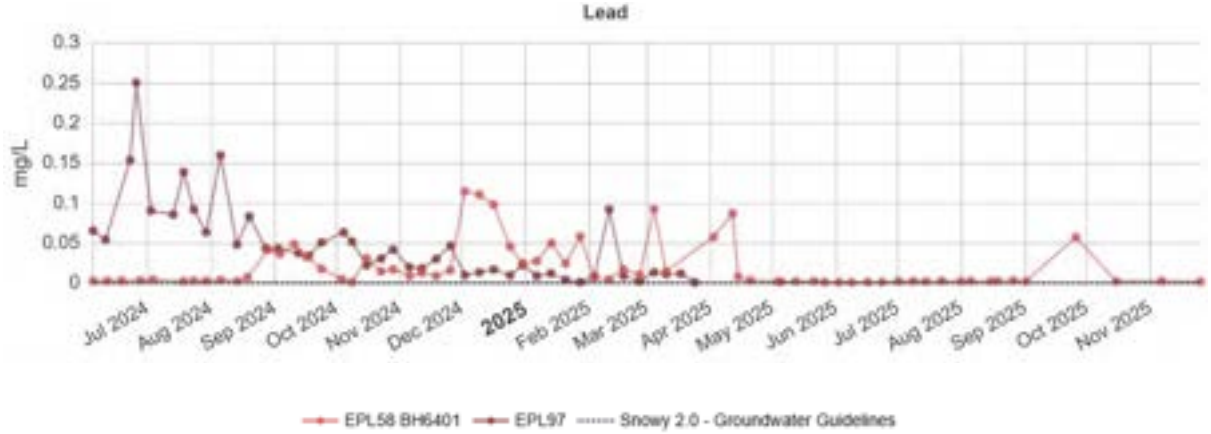
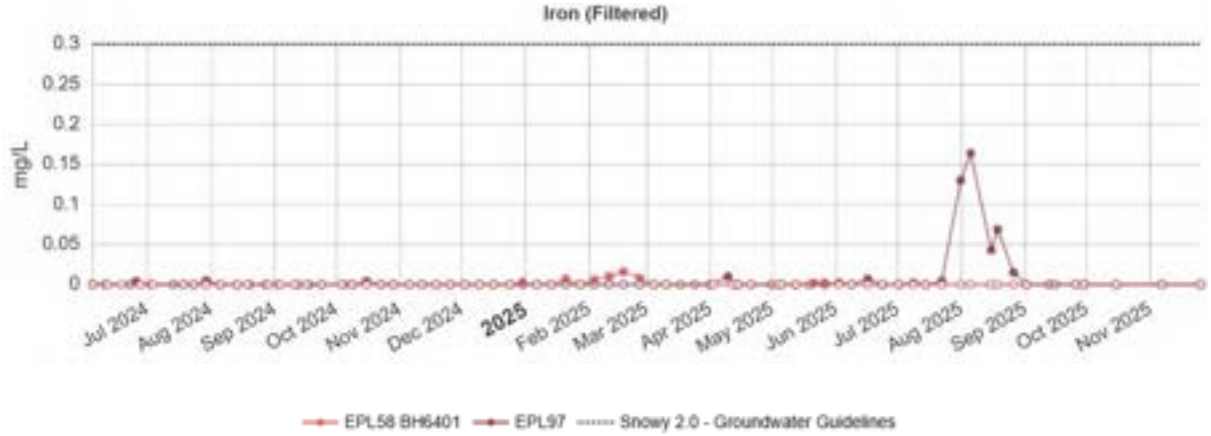
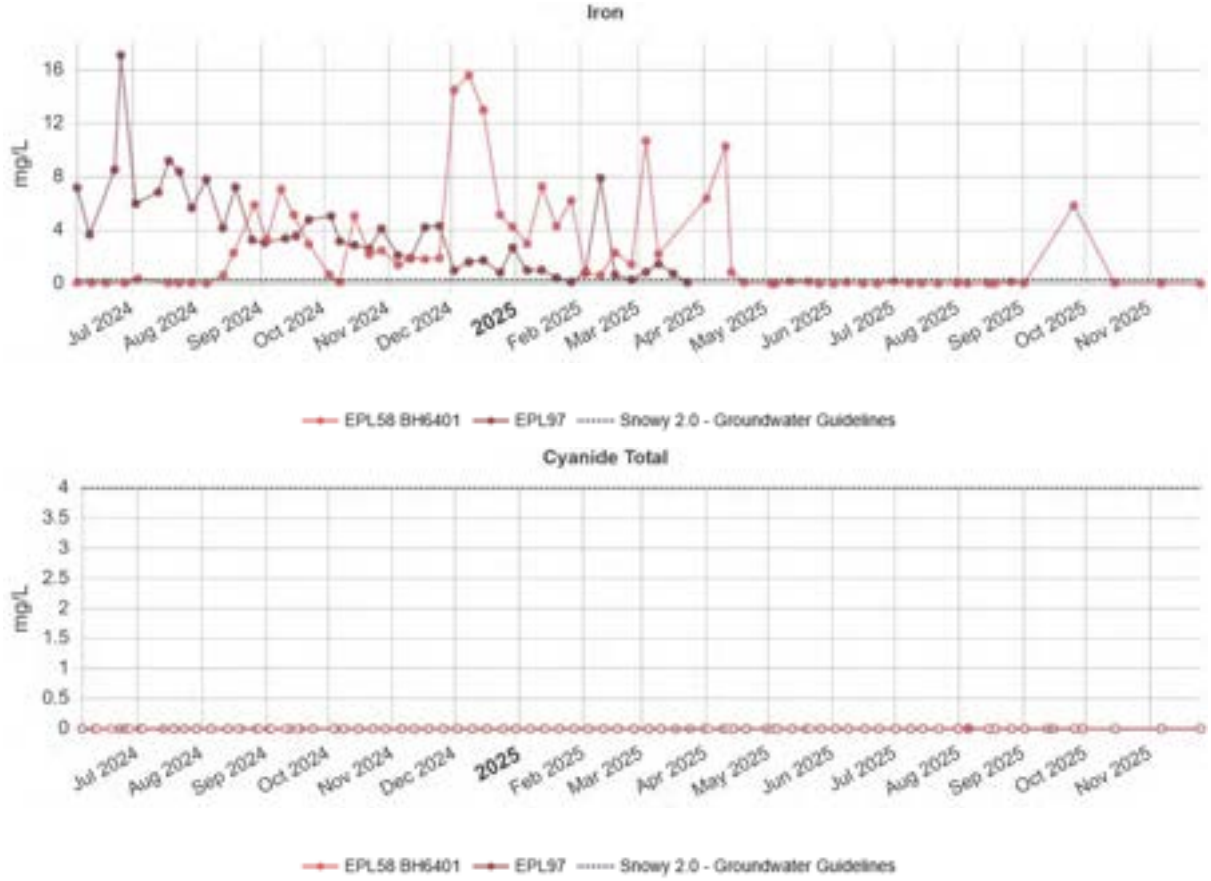
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

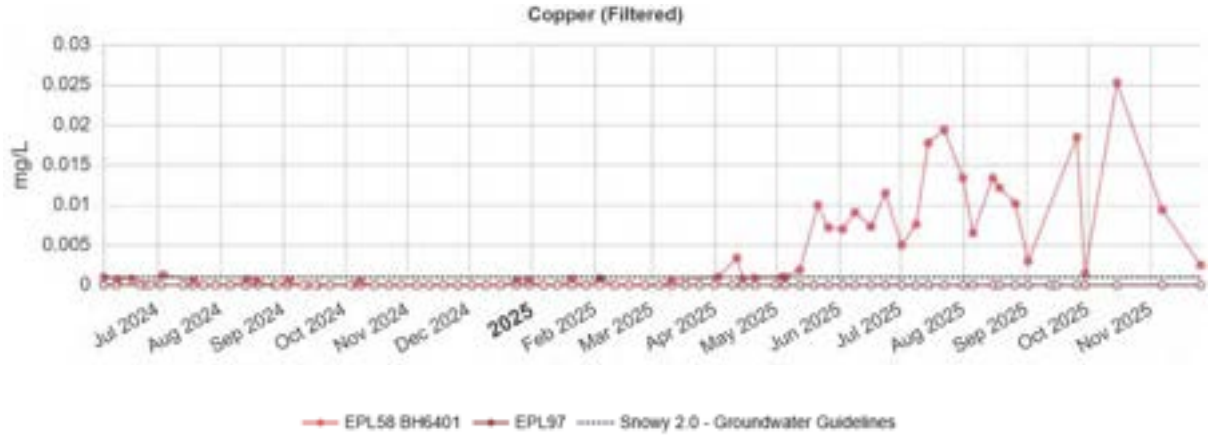

Manganese
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

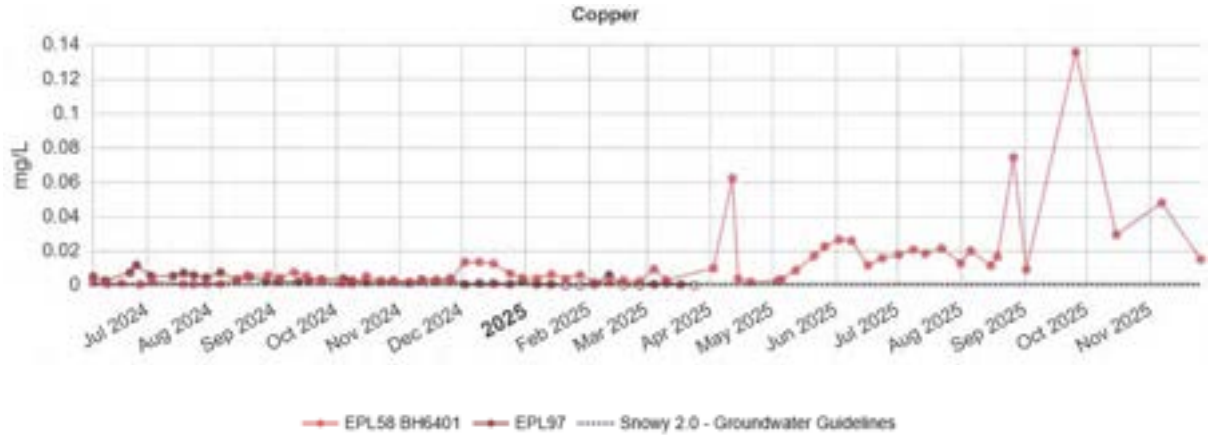

Lead (Filtered)
mg/L
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

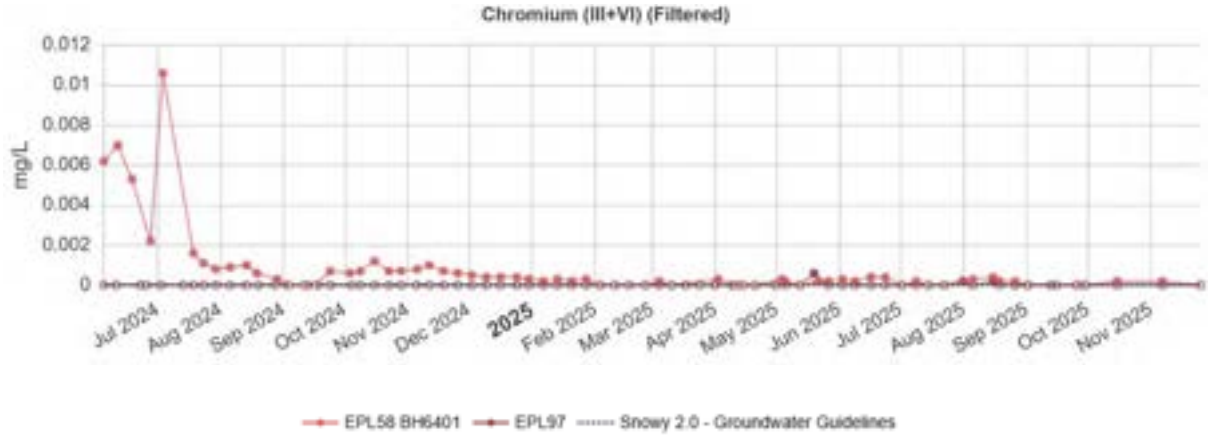

Lead
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

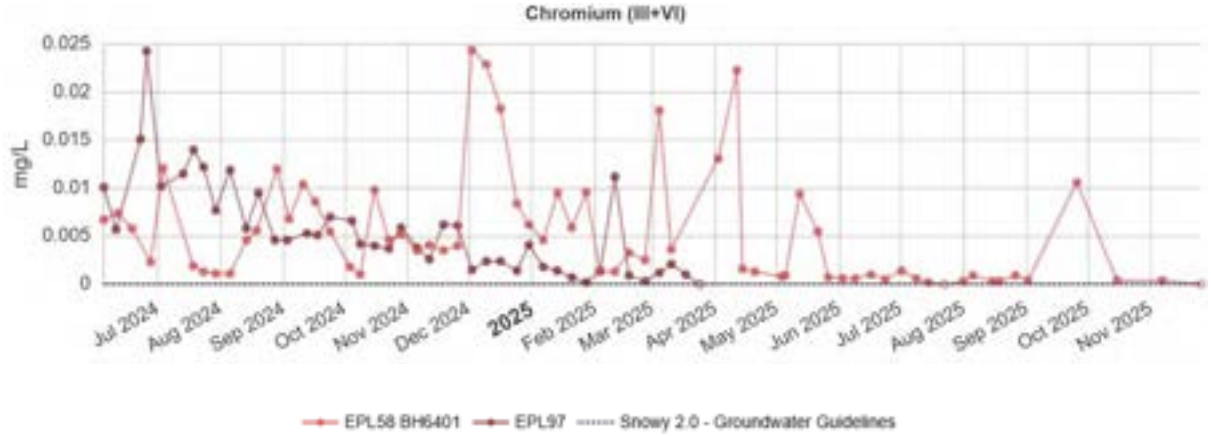

Iron (Filtered)
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

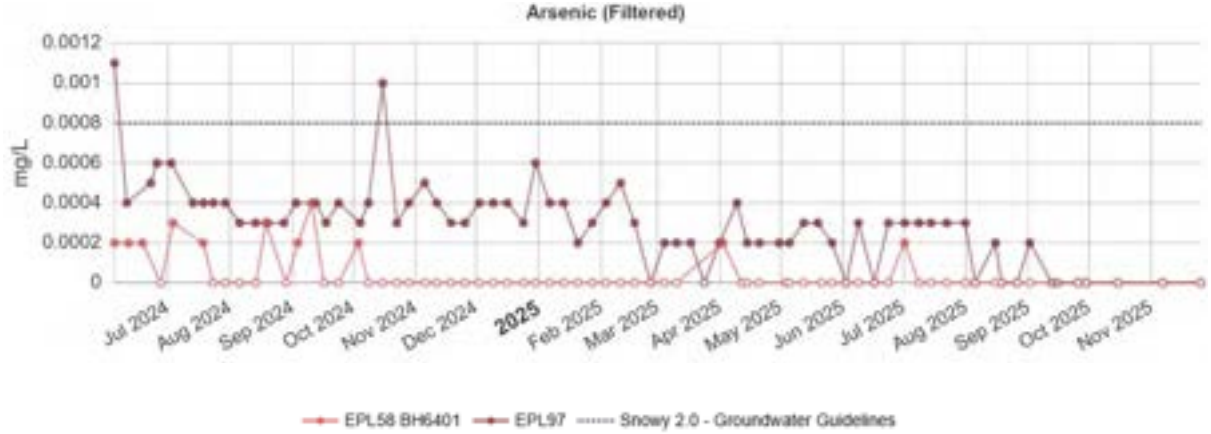

Iron
mg/L
16
12
8
4
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

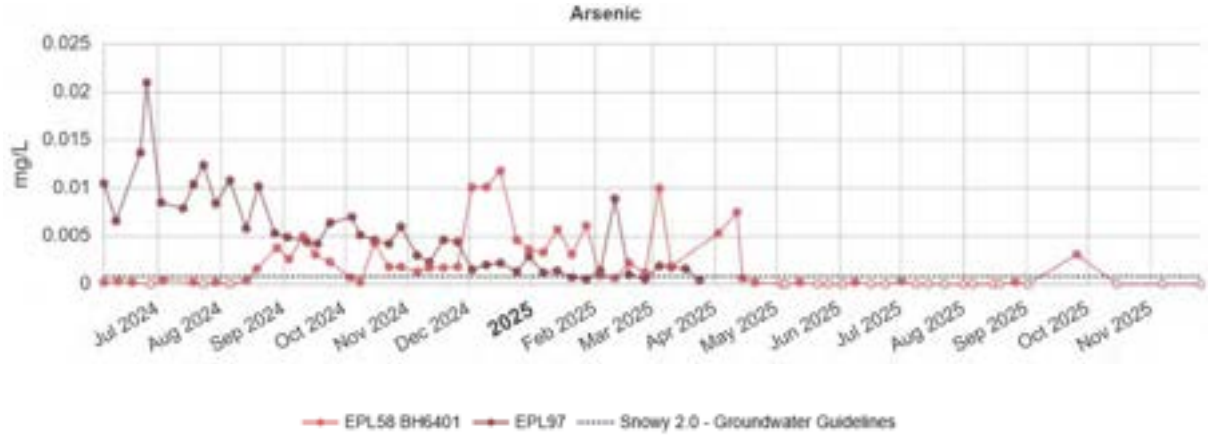

Copper (Filtered)
mg/L
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

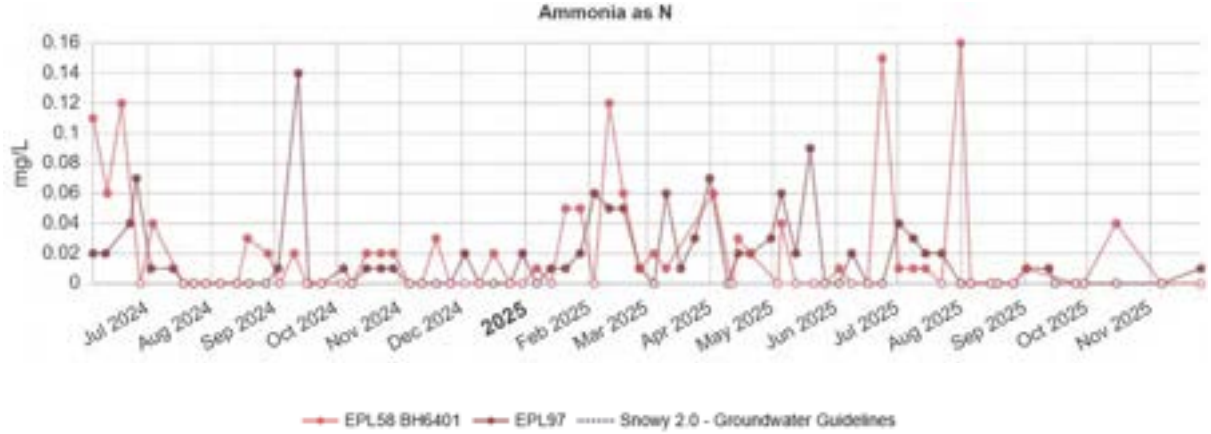

Copper
mg/L
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

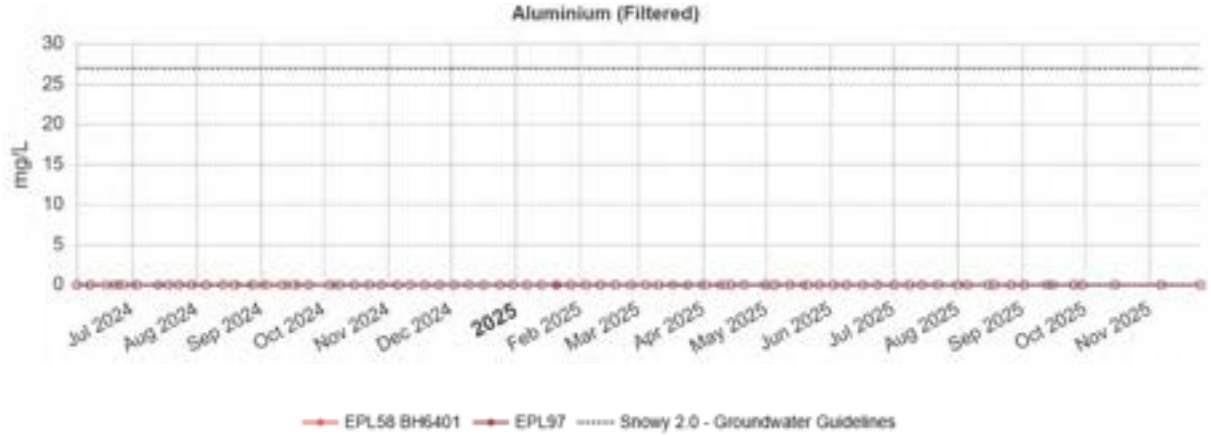

Chromium (III+VI) (Filtered)
mg/L
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

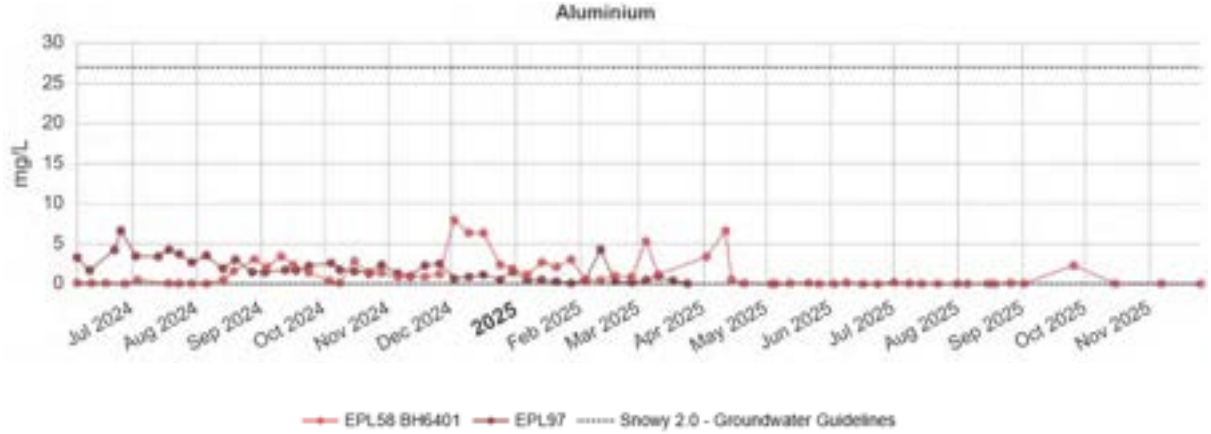

Chromium (III+VI)
mg/L
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines


Arsenic (Filtered)
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

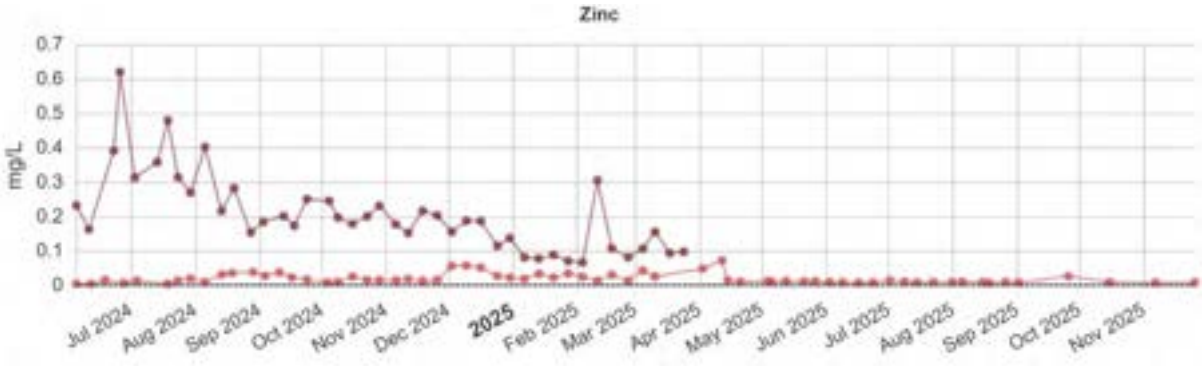

Arsenic
0.025
0.02
0.015
0.01
0.005
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

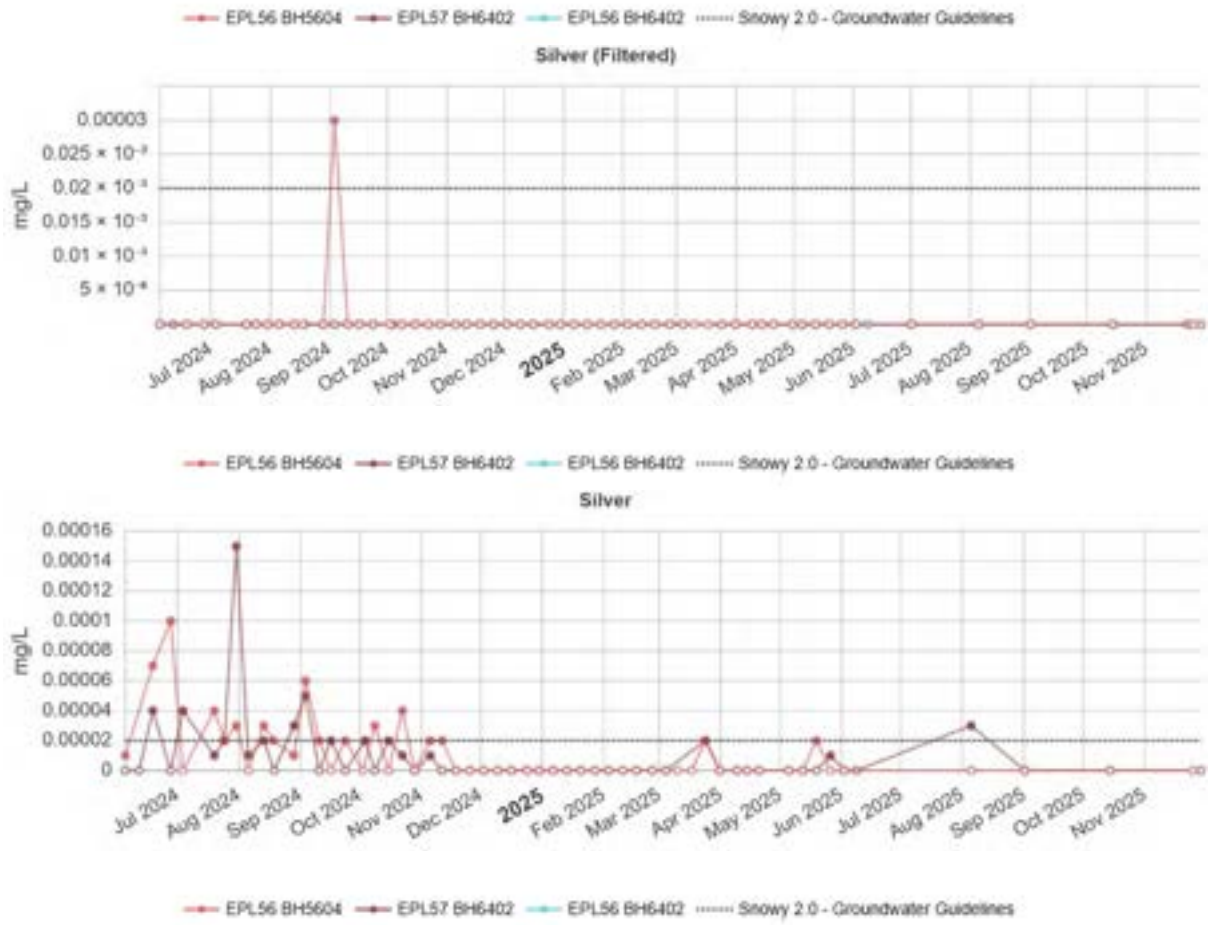

Ammonia as N
mg/L
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

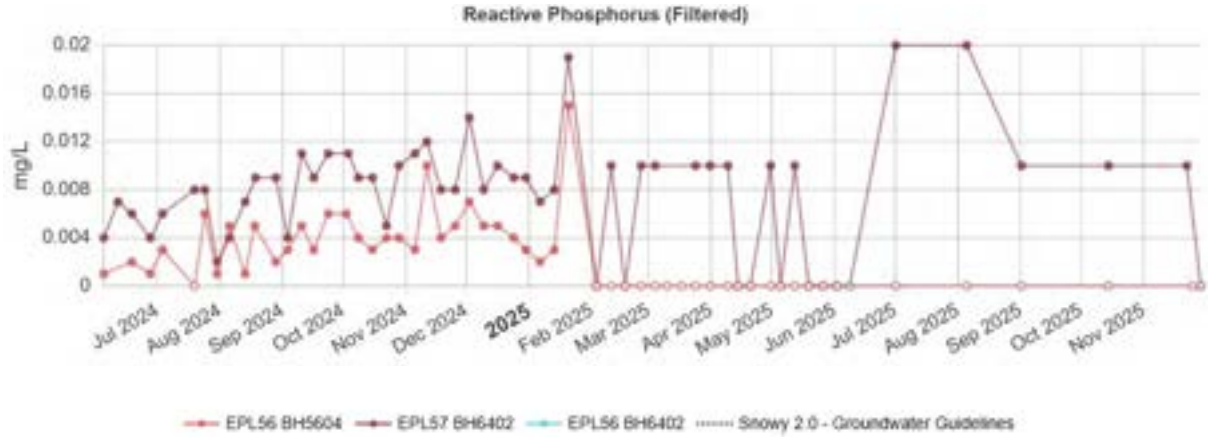

Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

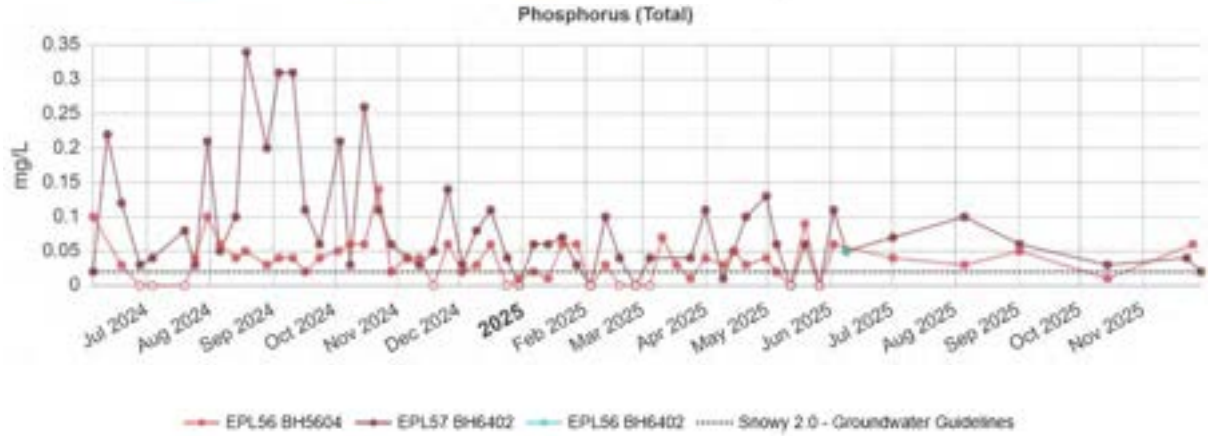

Aluminium
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

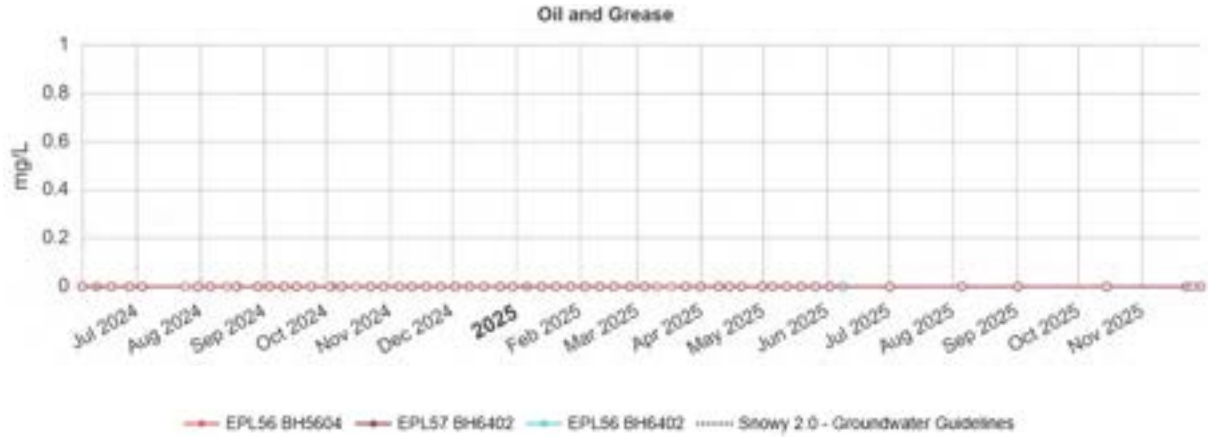
Zinc (Filtered)
mg/L
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL58 BH6401
EPL97
Snowy 2.0 - Groundwater Guidelines

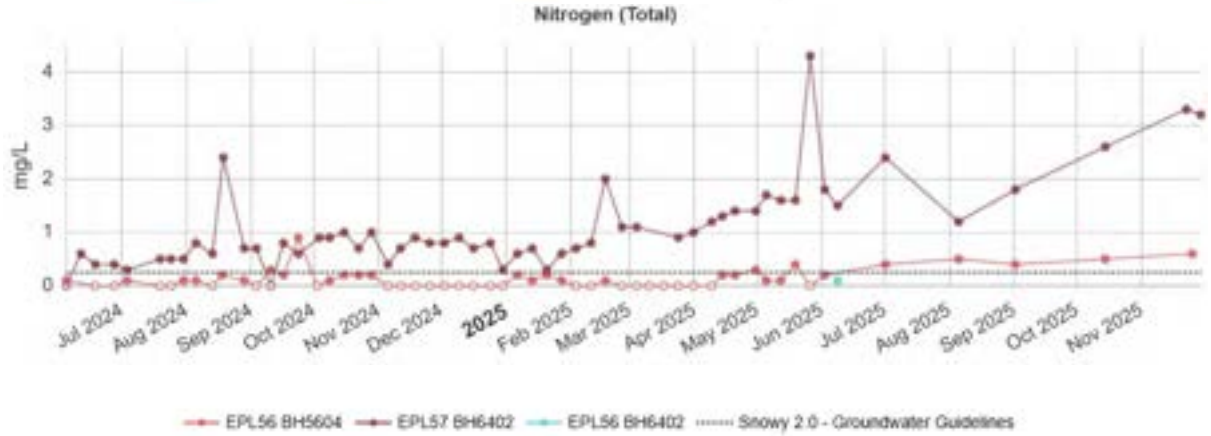

Zinc
mg/L
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

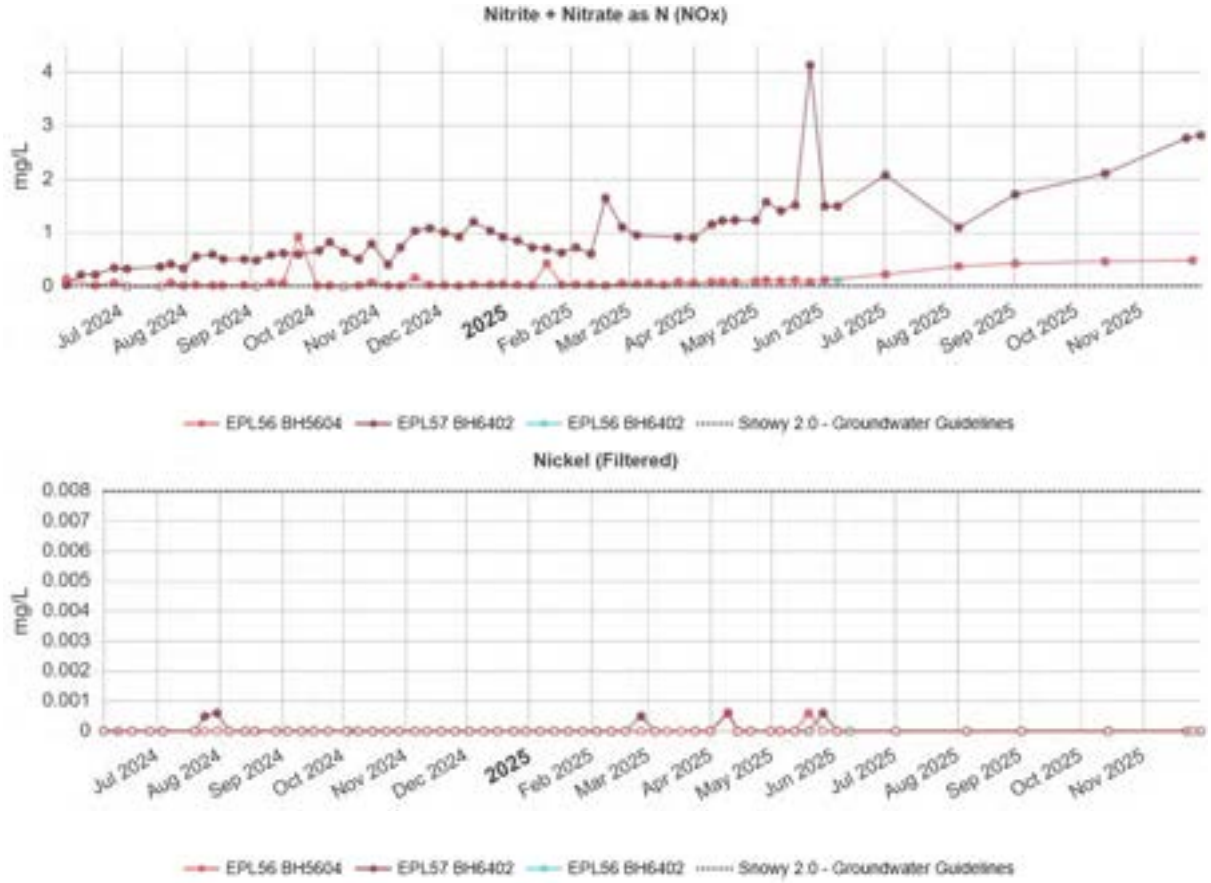

EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines
Silver (Filtered)
mg/L
0.00003
0.025 × 10⁻³
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines
Silver
mg/L
0.00016
0.00014
0.00012
0.0001
0.00008
0.00006
0.00004
0.00002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

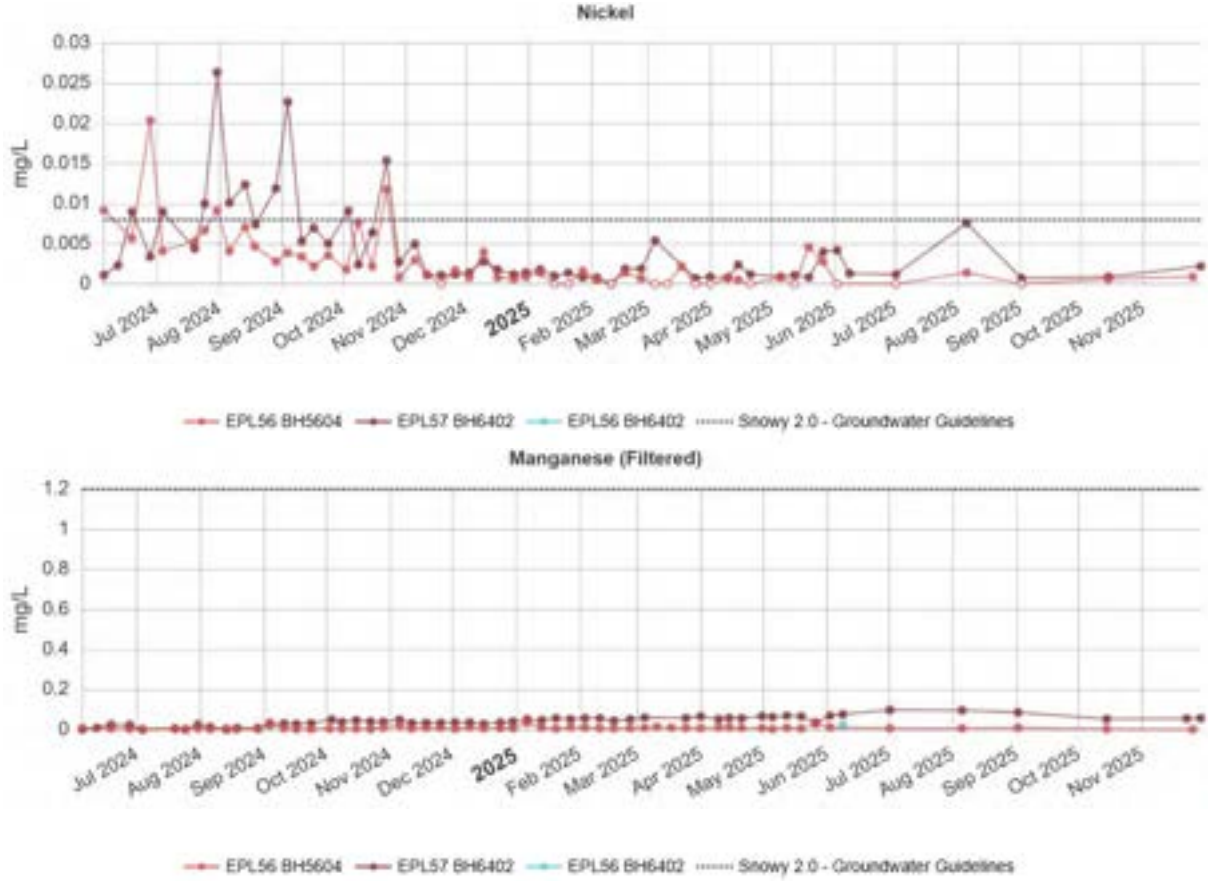

Reactive Phosphorus (Filtered)
mg/L
0.02
0.016
0.012
0.008
0.004
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

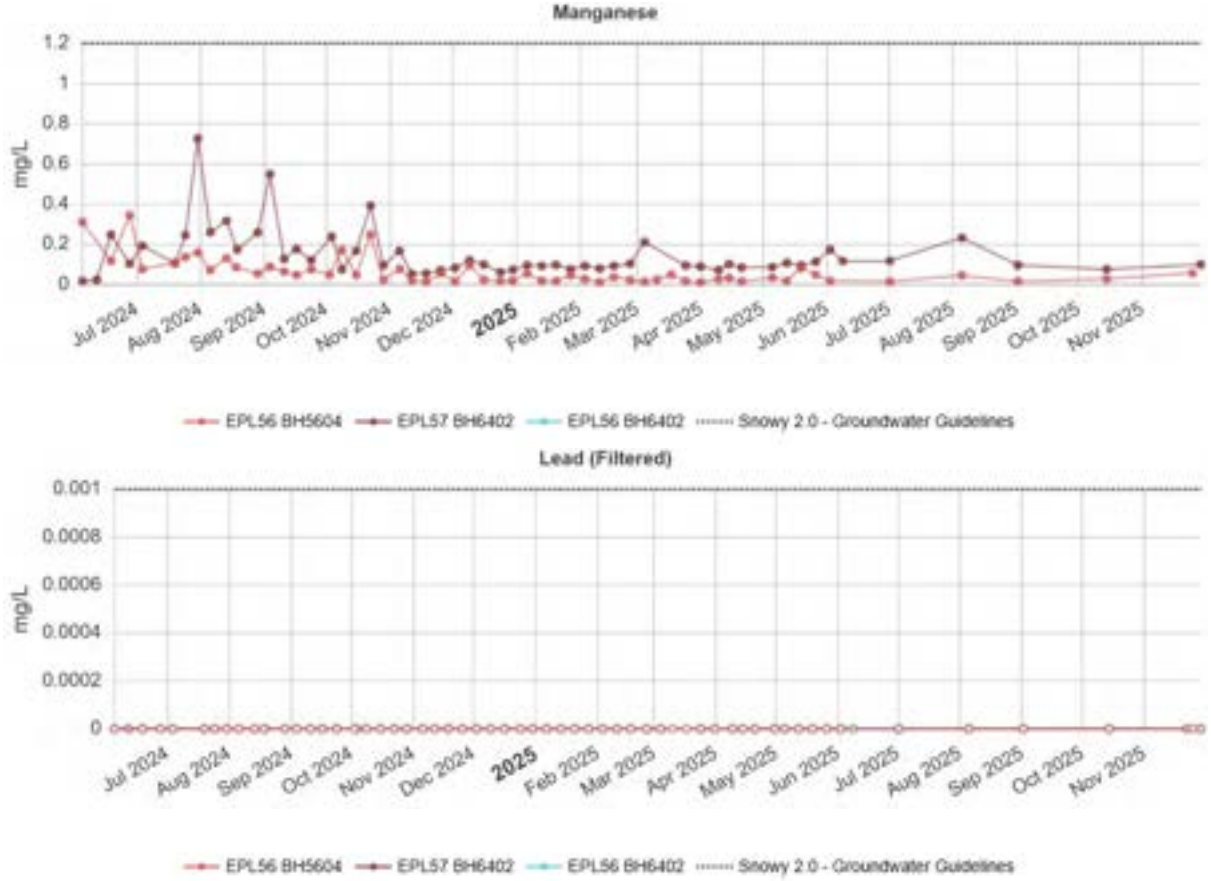

Phosphorus (Total)
mg/L
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

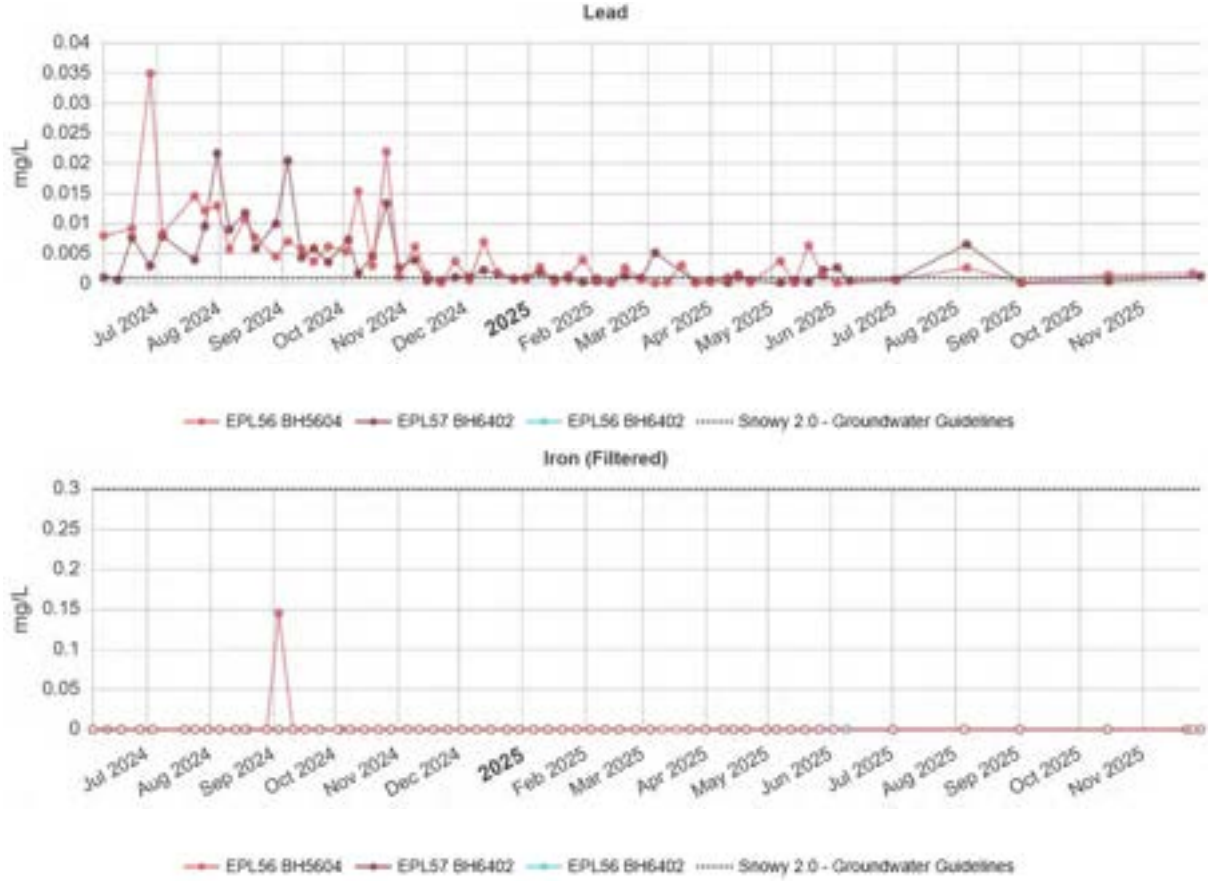

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

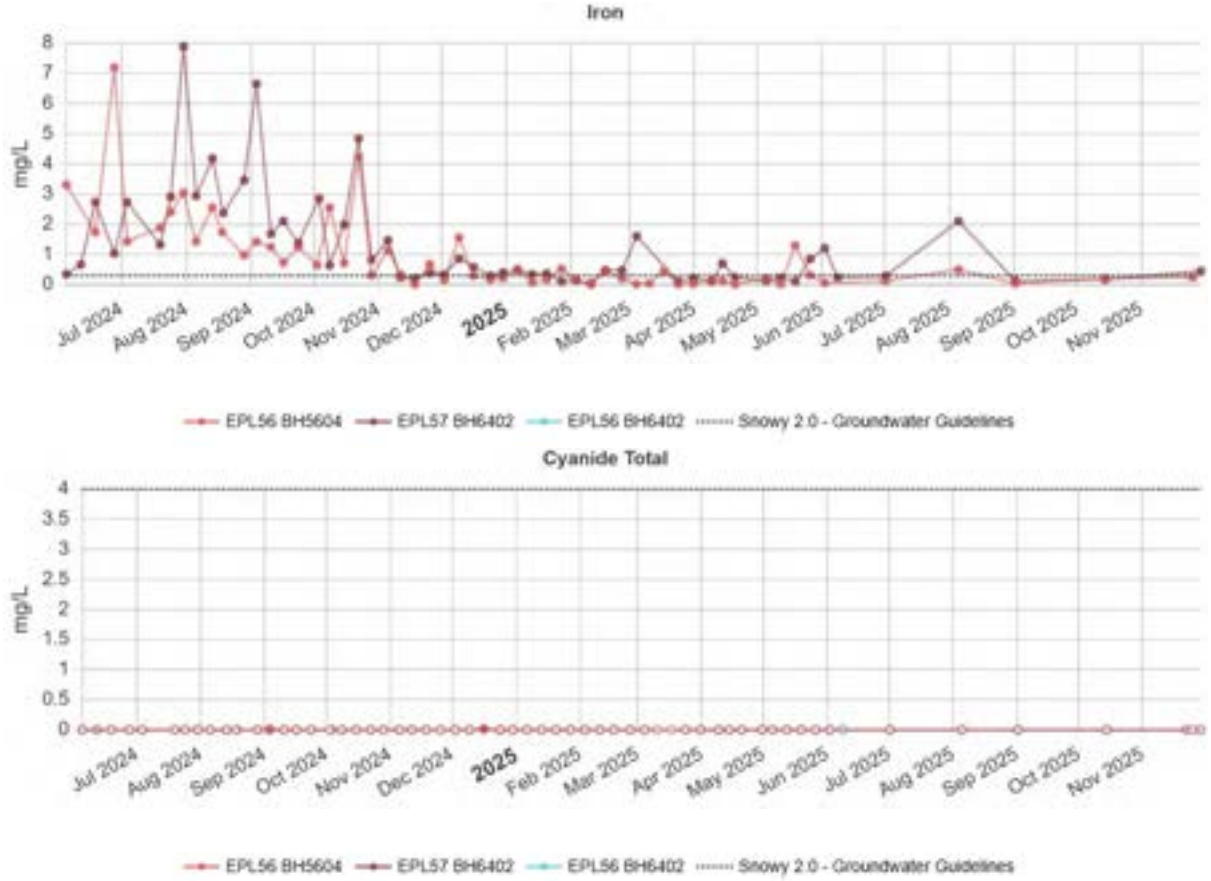

Nitrogen (Total)
mg/L
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

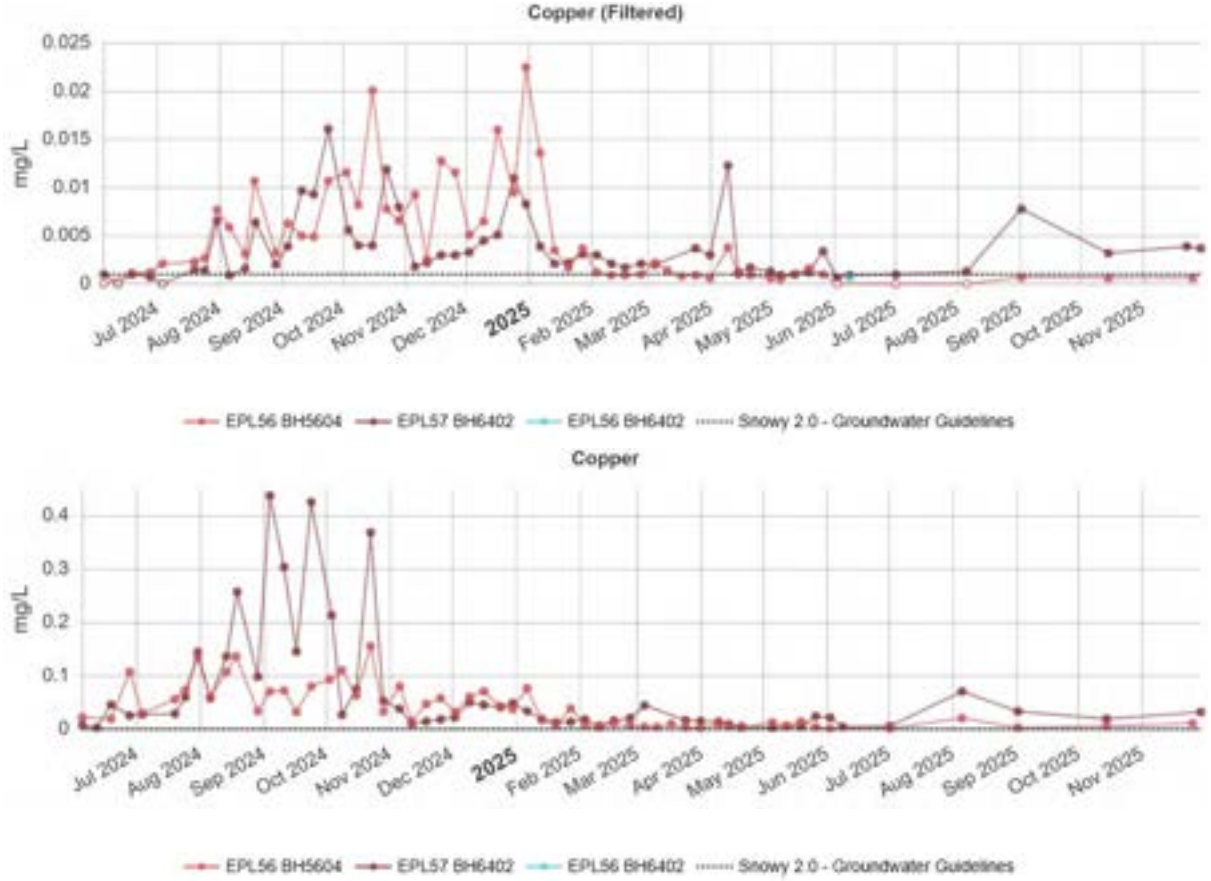

Nitrite + Nitrate as N (NOx)
mg/L
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines
Nickel (Filtered)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

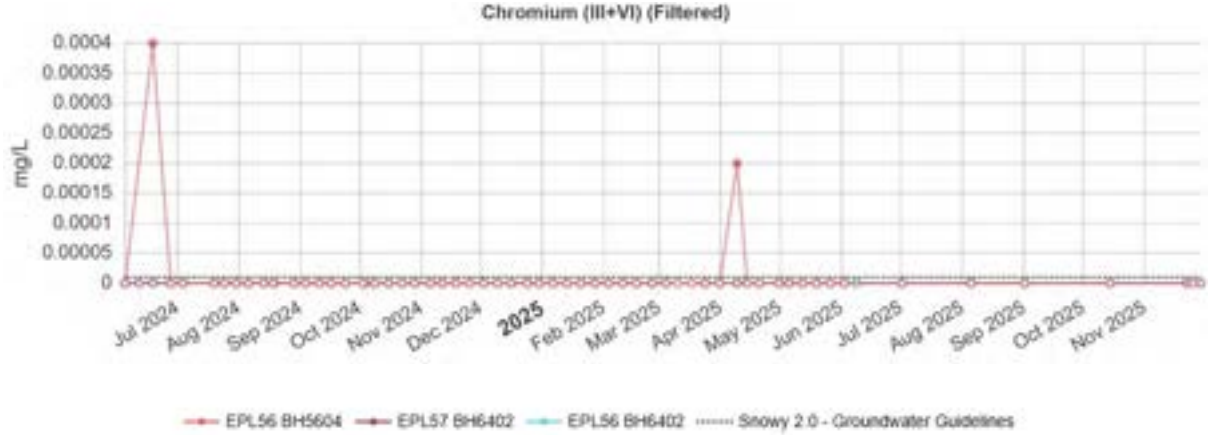

Nickel
mg/L
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines
Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

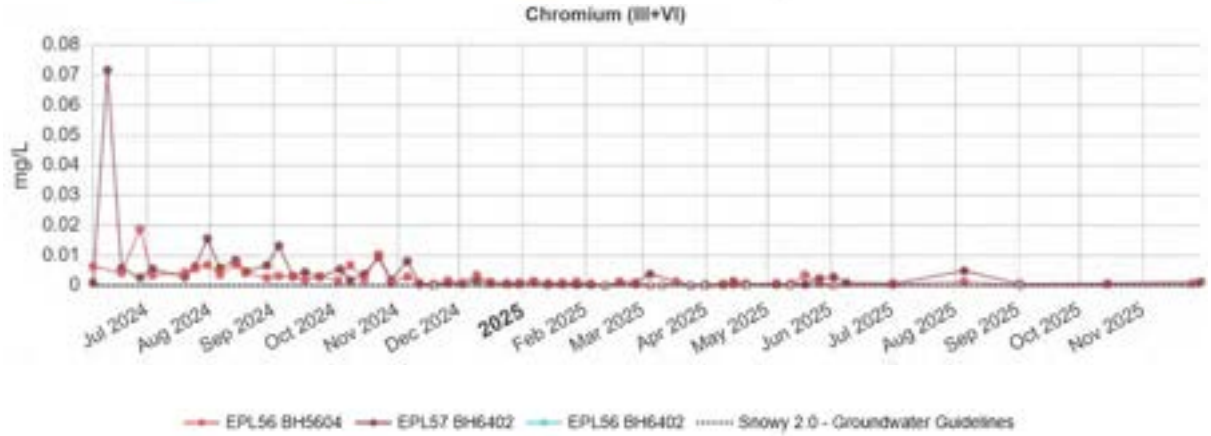

Manganese
1.2
1
0.8
0.6
0.4
0.2
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines
Lead (Filtered)
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

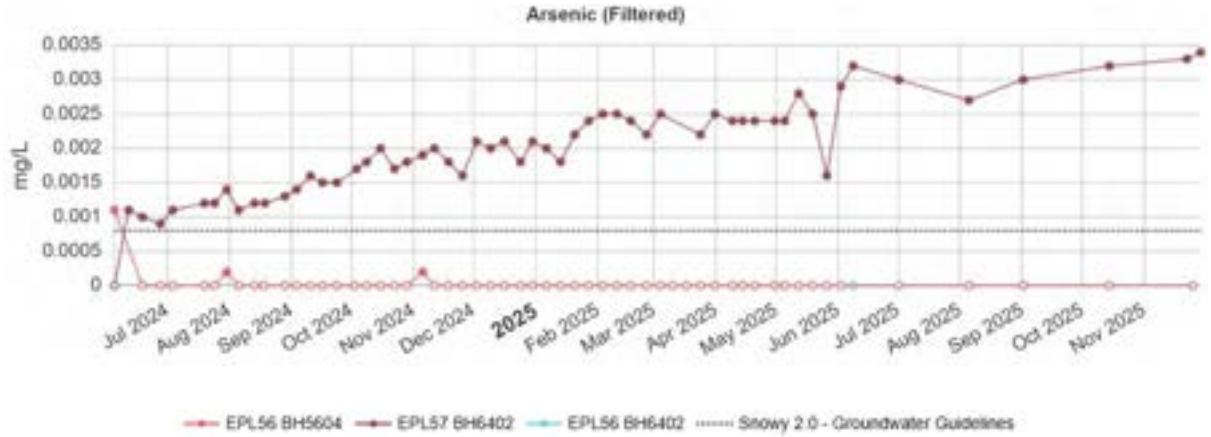

Lead
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines
Iron (Filtered)
0.3
0.25
0.2
0.15
0.1
0.05
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

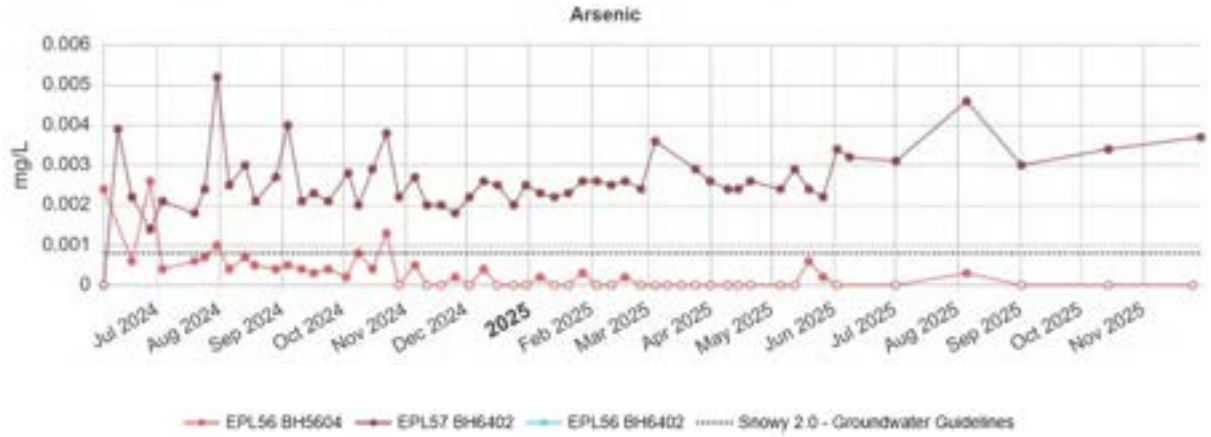

Iron
mg/L
8
7
6
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

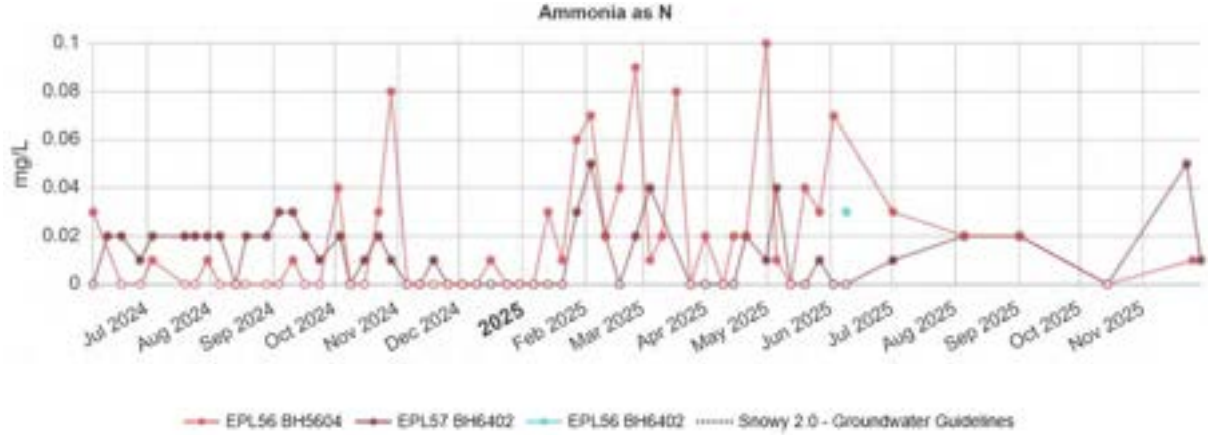

Copper (Filtered)
mg/L
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines
Copper
mg/L
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

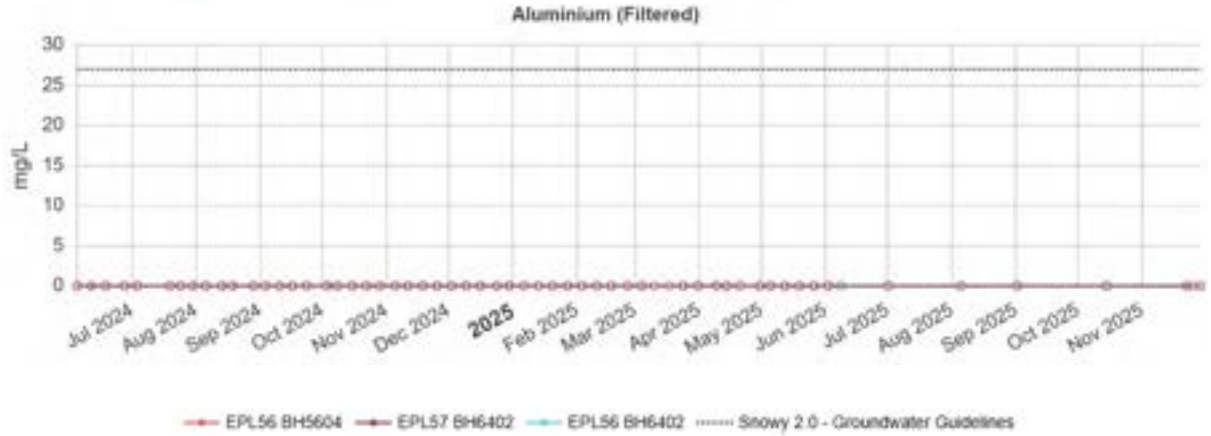

Chromium (III+VI) (Filtered)
mg/L
0.0004
0.00035
0.0003
0.00025
0.0002
0.00015
0.0001
0.00005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

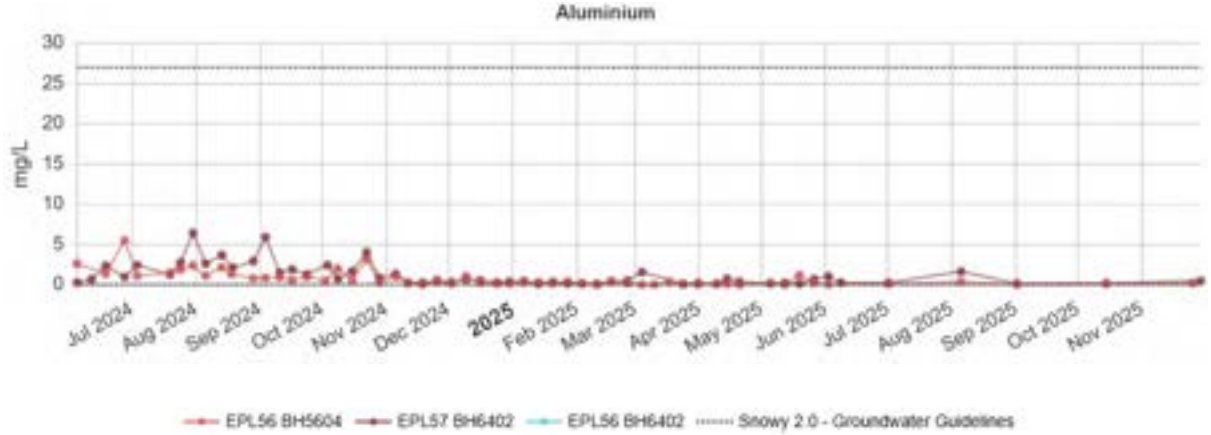

Chromium (III+VI)
mg/L
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

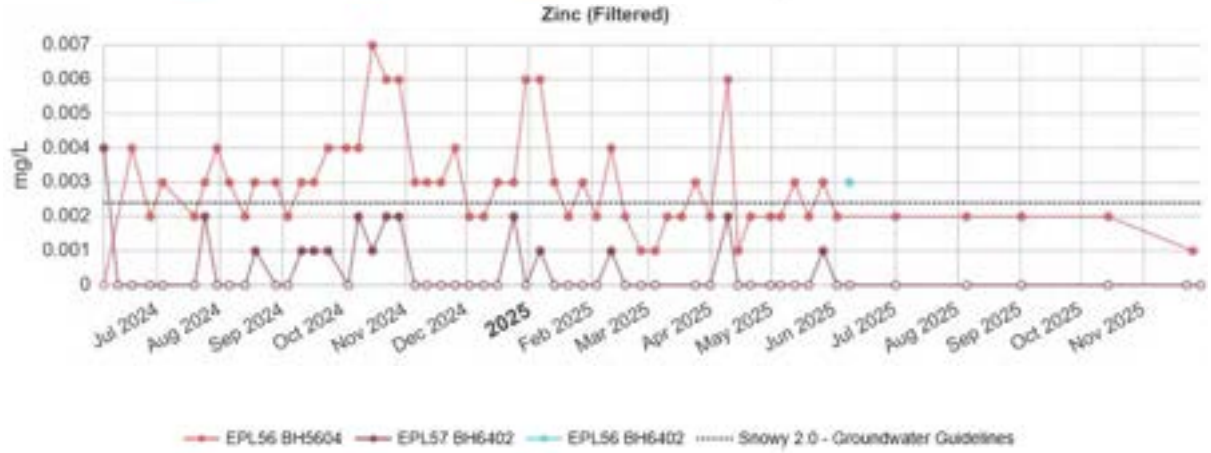

Arsenic (Filtered)
mg/L
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines


Arsenic
mg/L
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines


Ammonia as N
mg/L
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines


Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines


Aluminium
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

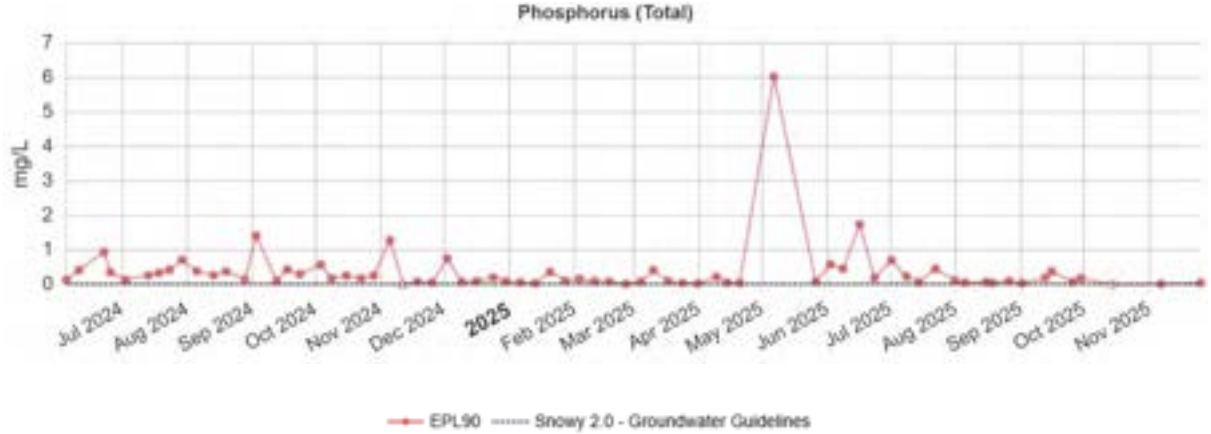

Zinc (Filtered)
mg/L
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL56 BH5604
EPL57 BH6402
EPL56 BH6402
Snowy 2.0 - Groundwater Guidelines

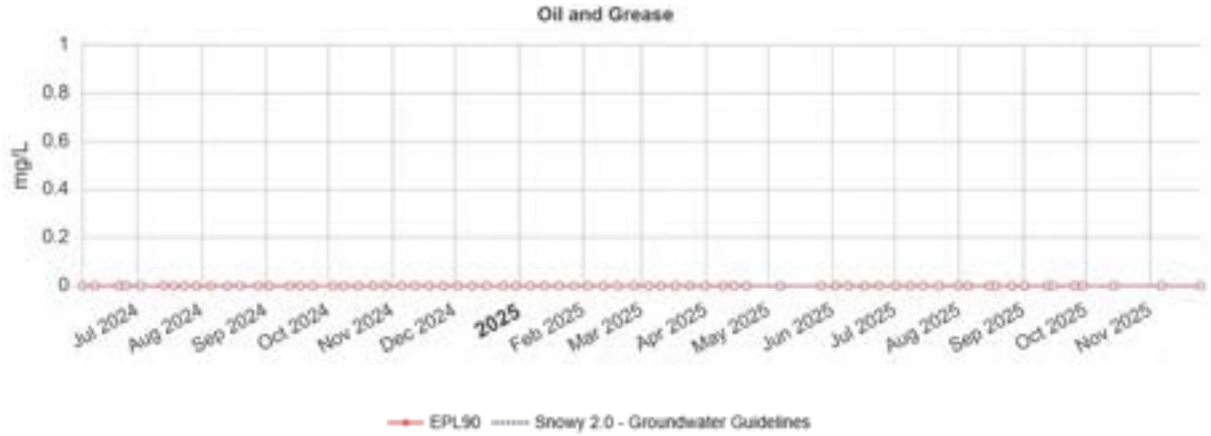
Zinc
mg/L
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines

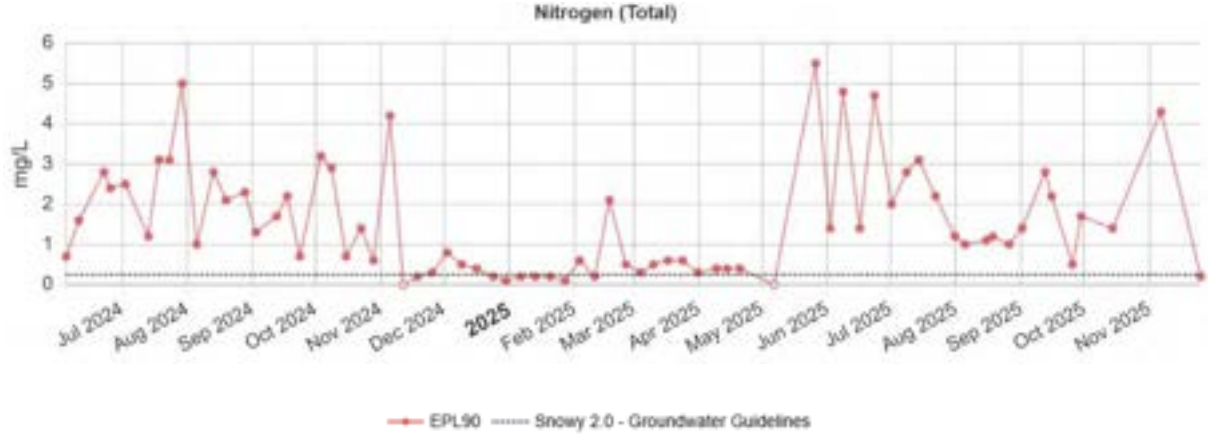
Zinc (Filtered)
mg/L
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines

Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines

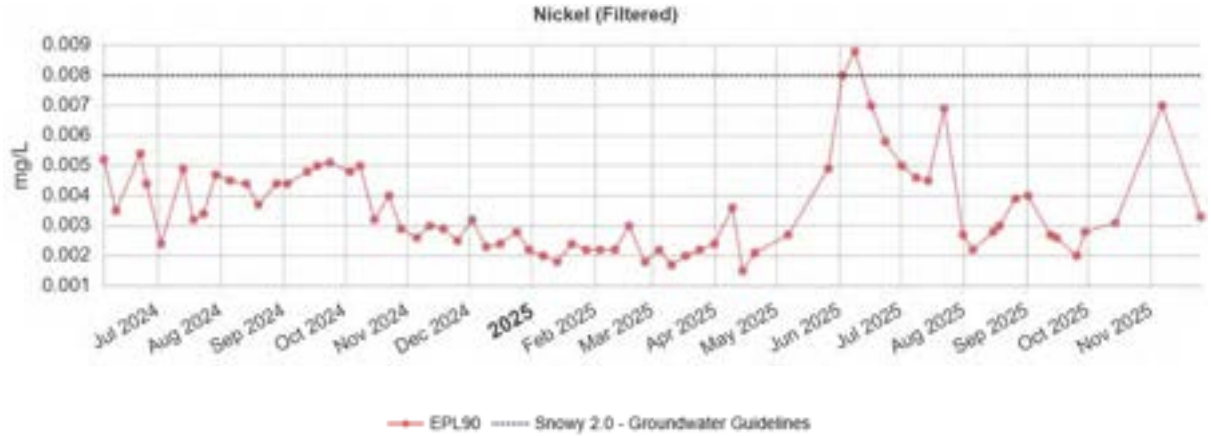
Reactive Phosphorus (Filtered)
mg/L
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines


Phosphorus (Total)
mg/L
7
6
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines


Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines


Nitrogen (Total)
mg/L
0
1
2
3
4
5
6
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines

Nitrite + Nitrate as N (NOx)
mg/L
0
1
2
3
4
5
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines


Nickel (Filtered)
mg/L
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines

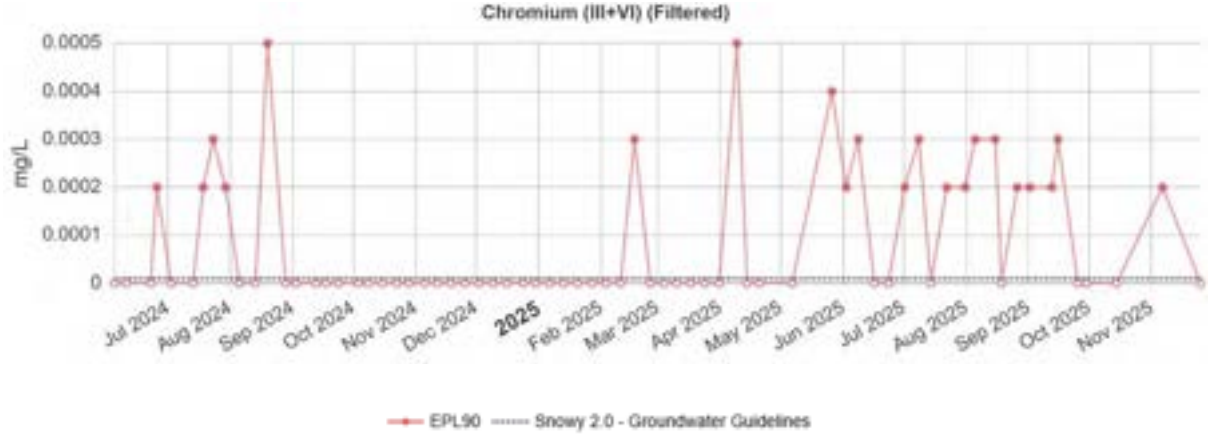
Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines

Lead (Filtered)
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines

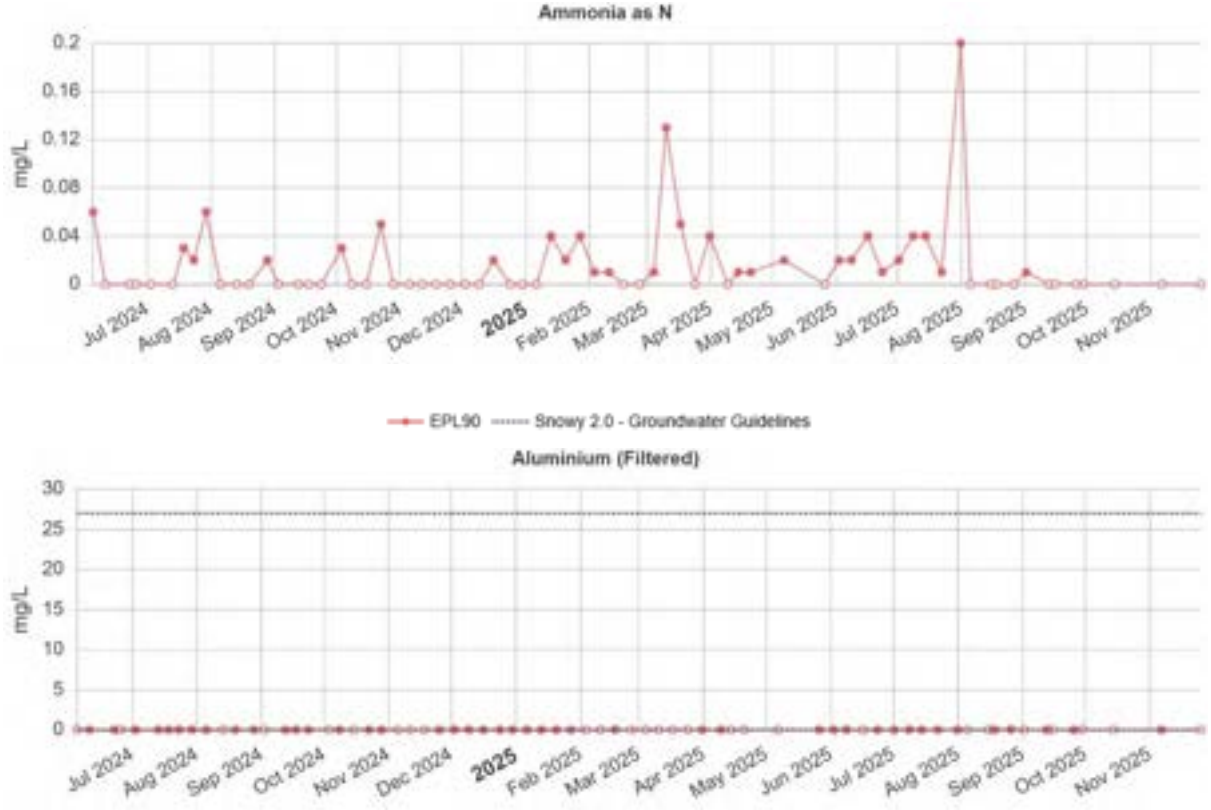
Iron (Filtered)
0.3
0.25
0.2
0.15
0.1
0.05
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines

Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines

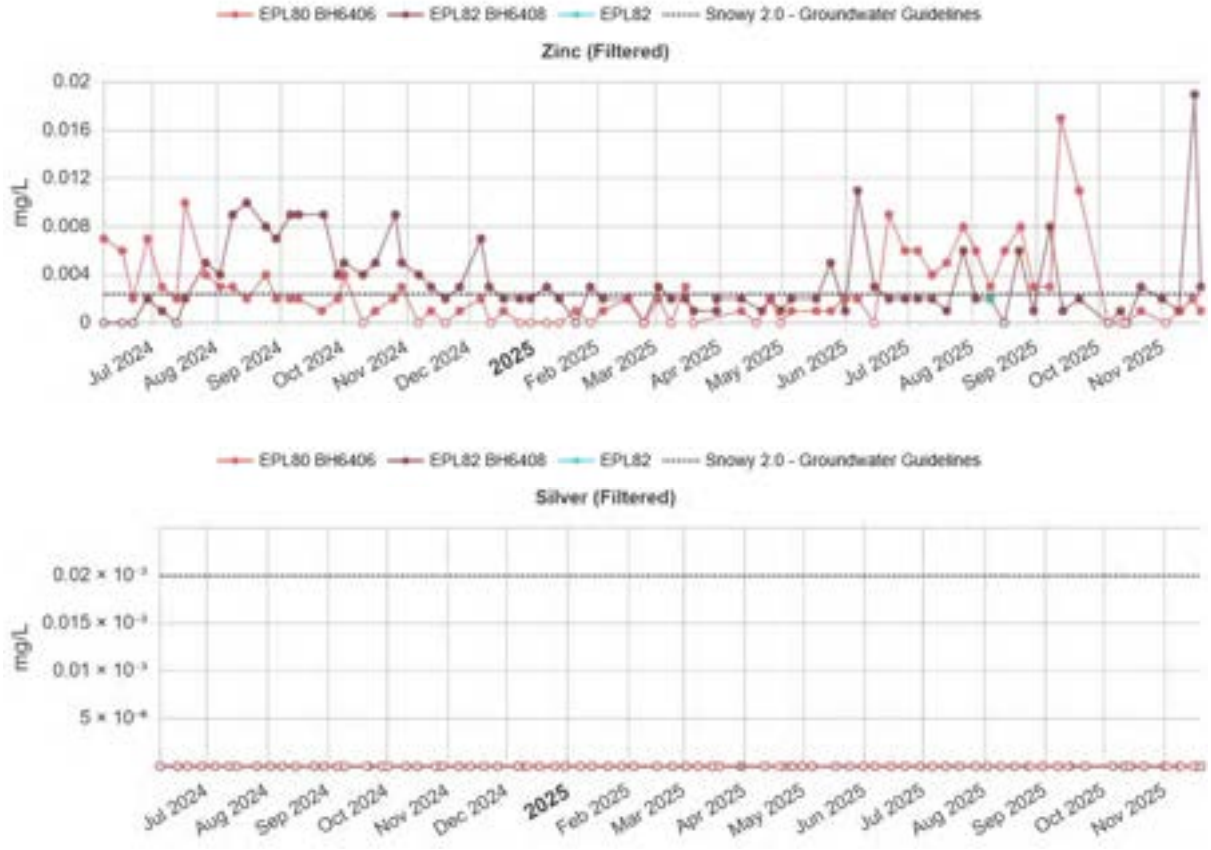
Copper (Filtered)
mg/L
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines

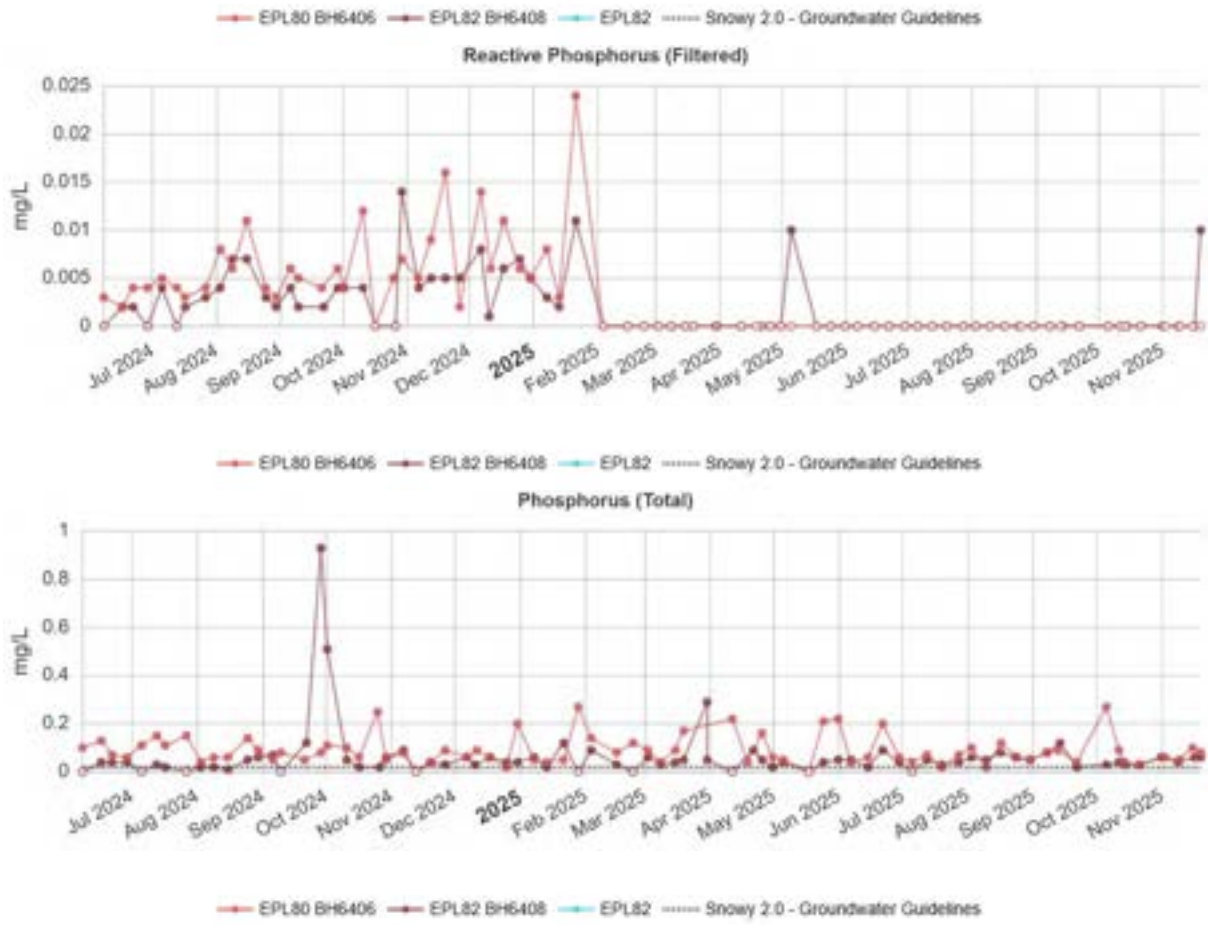

Chromium (III+VI) (Filtered)
mg/L
0.0005
0.0004
0.0003
0.0002
0.0001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines

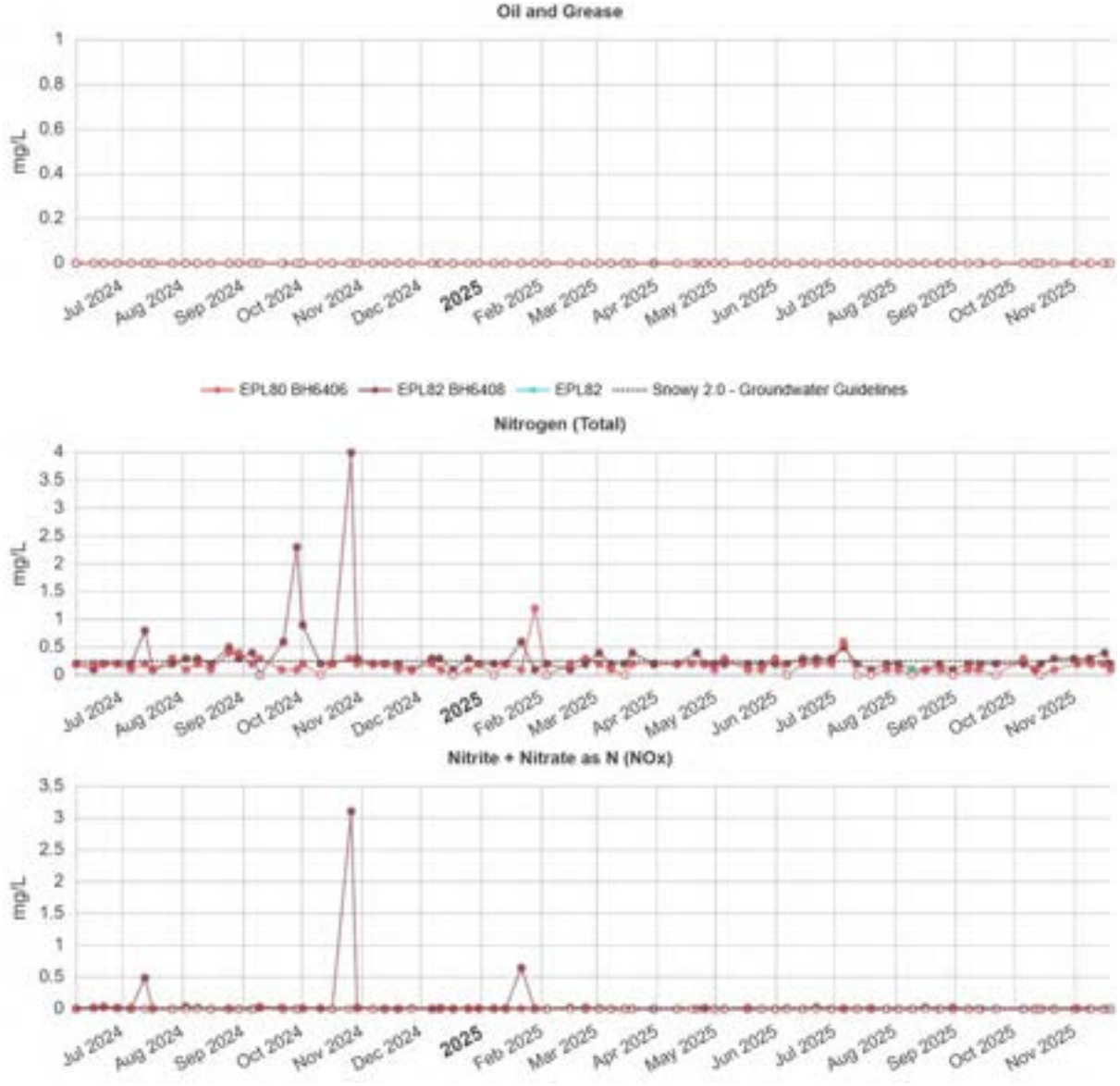
Arsenic (Filtered)
mg/L
0.0008
0.0007
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines

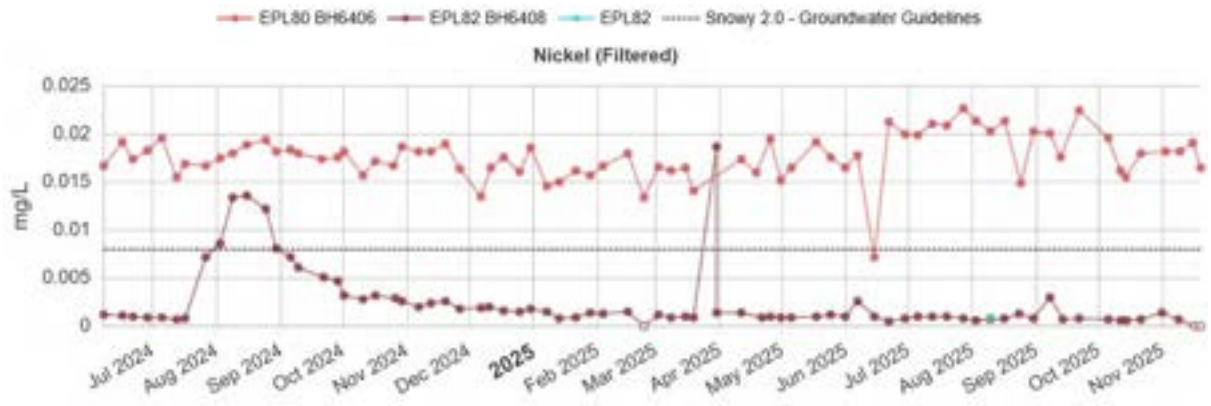

Ammonia as N
mg/L
0.2
0.16
0.12
0.08
0.04
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL90
Snowy 2.0 - Groundwater Guidelines
Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

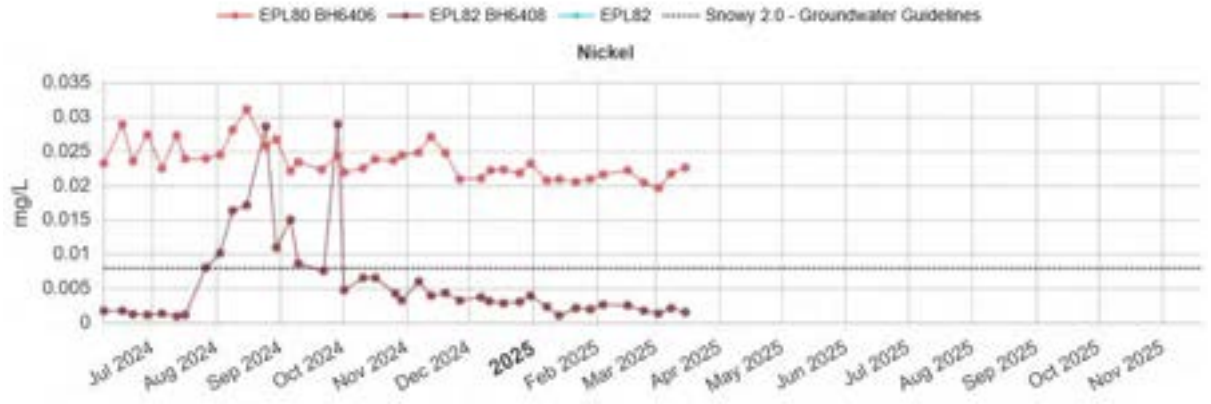
Mainyard

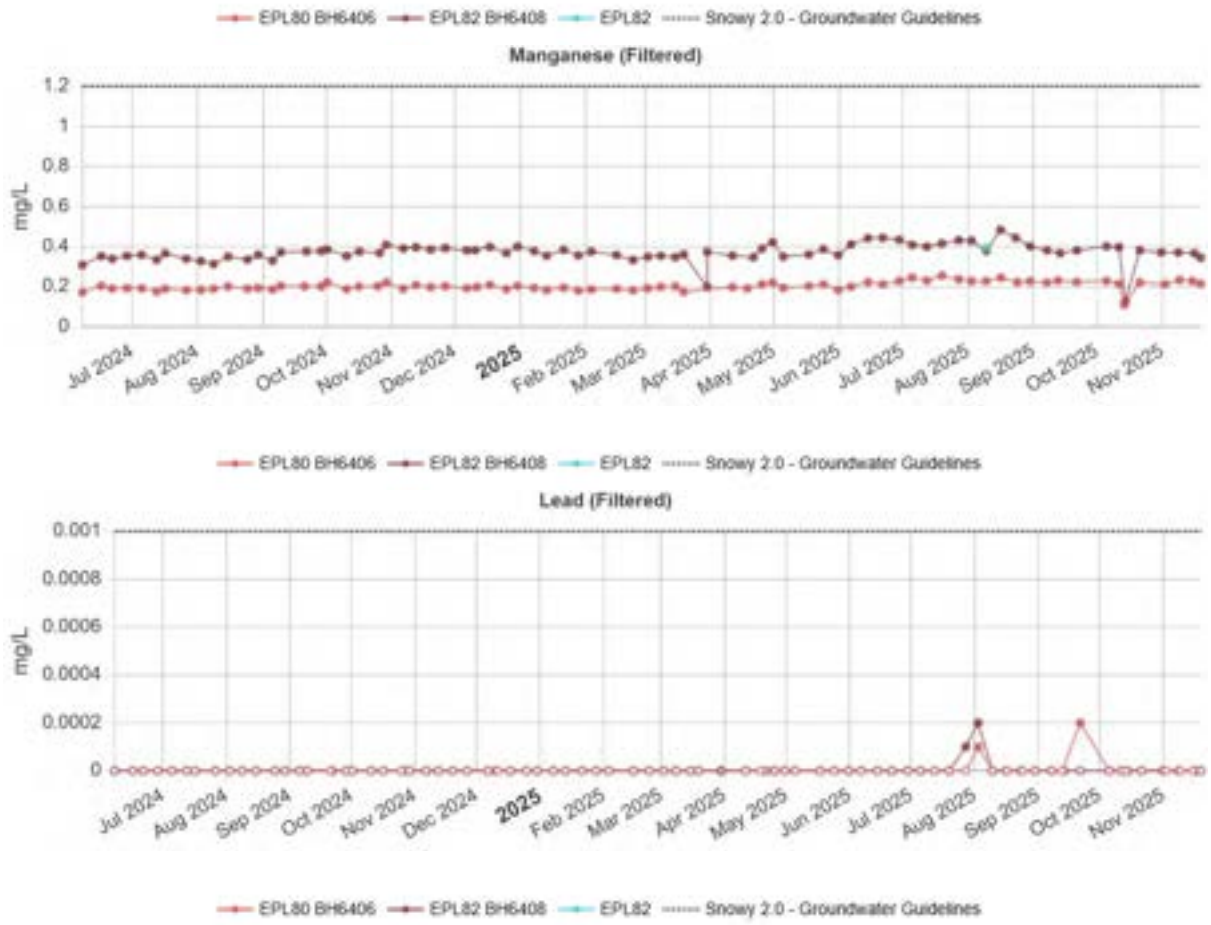

EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
mg/L
0.02
0.016
0.012
0.008
0.004
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines
Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

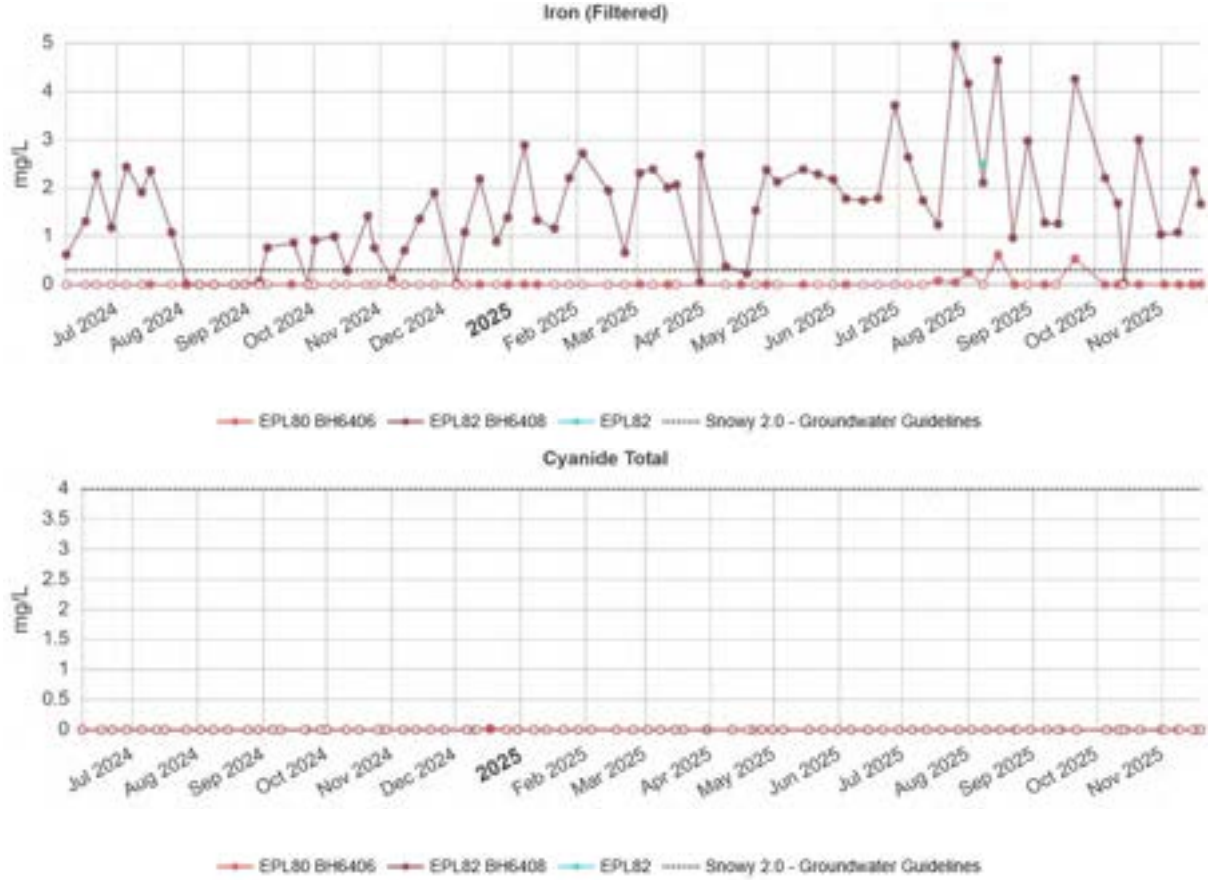

EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines
Reactive Phosphorus (Filtered)
mg/L
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines
Phosphorus (Total)
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines

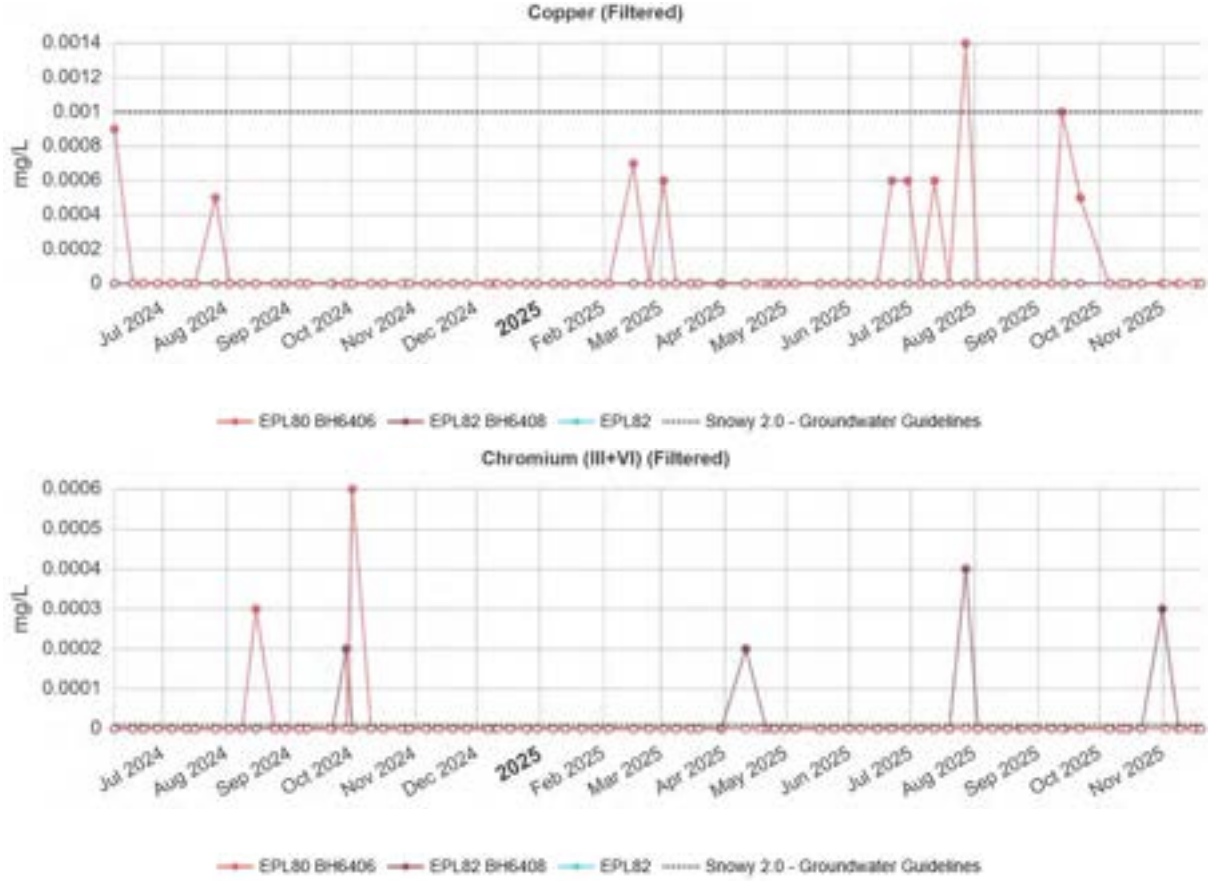

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines
Nitrogen (Total)
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Nitrite + Nitrate as N (NOx)
mg/L
3.5
3
2.5
2
1.5
1
0.5
0

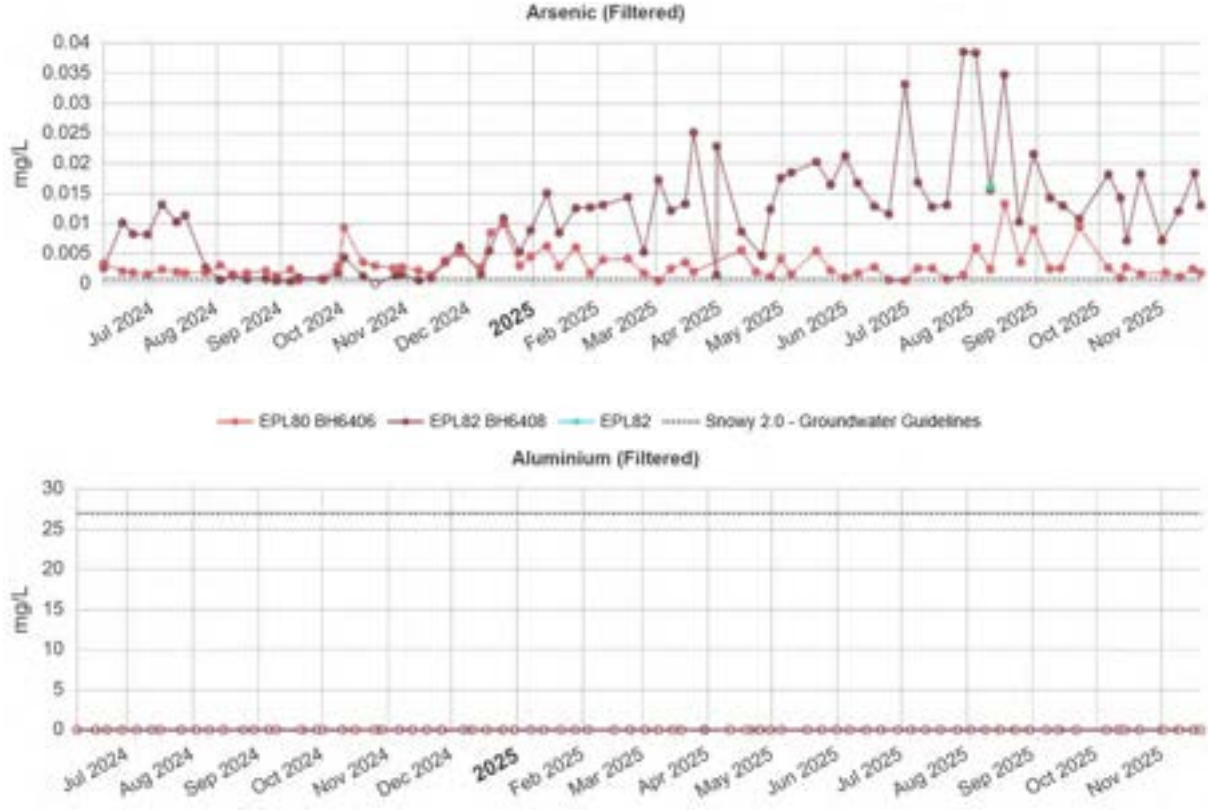

EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines
Nickel (Filtered)
mg/L
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

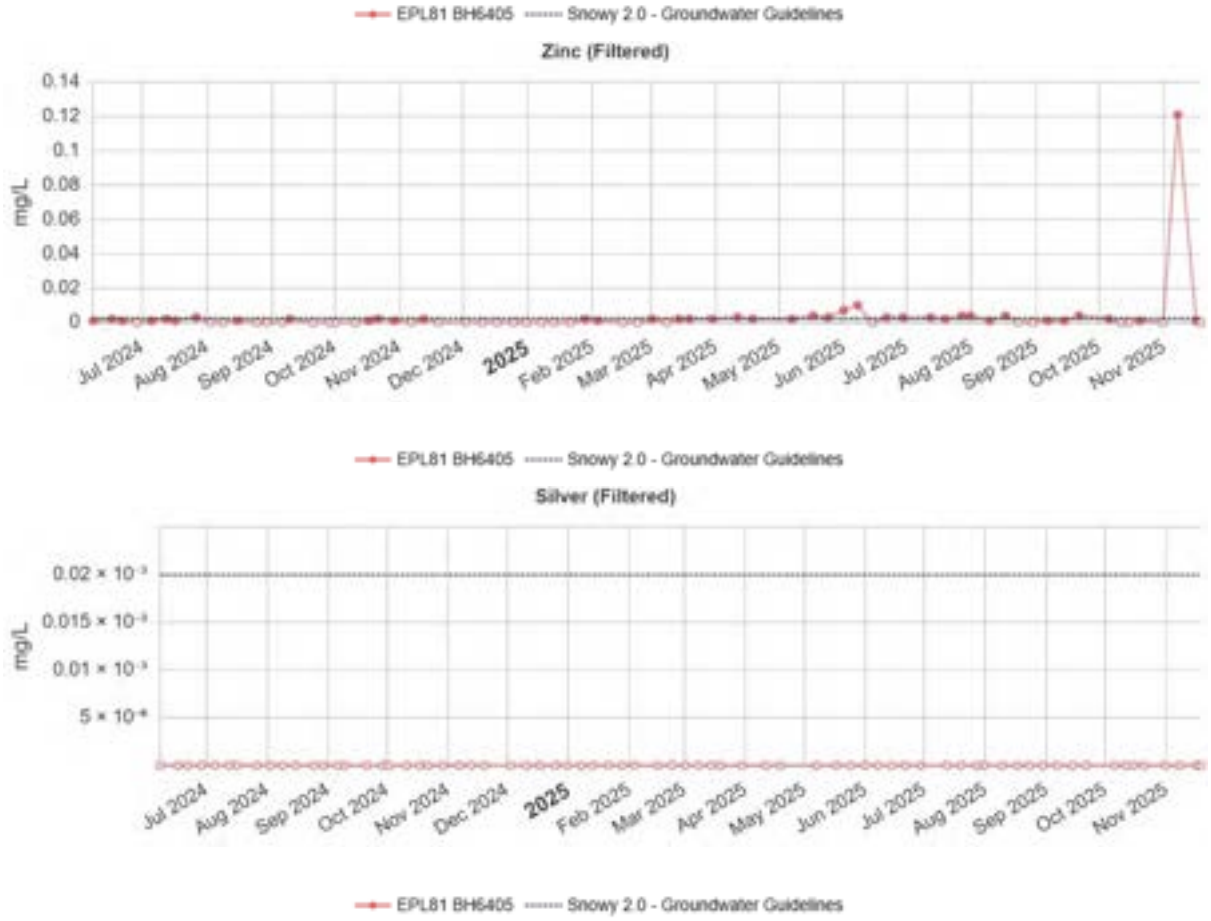

EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines
Nickel
mg/L
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines
Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines
Lead (Filtered)
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines


Iron (Filtered)
mg/L
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines


Copper (Filtered)
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines
Chromium (III+VI) (Filtered)
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines


Arsenic (Filtered)
mg/L
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL80 BH6406
EPL82 BH6408
EPL82
Snowy 2.0 - Groundwater Guidelines
Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
mg/L
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines
Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
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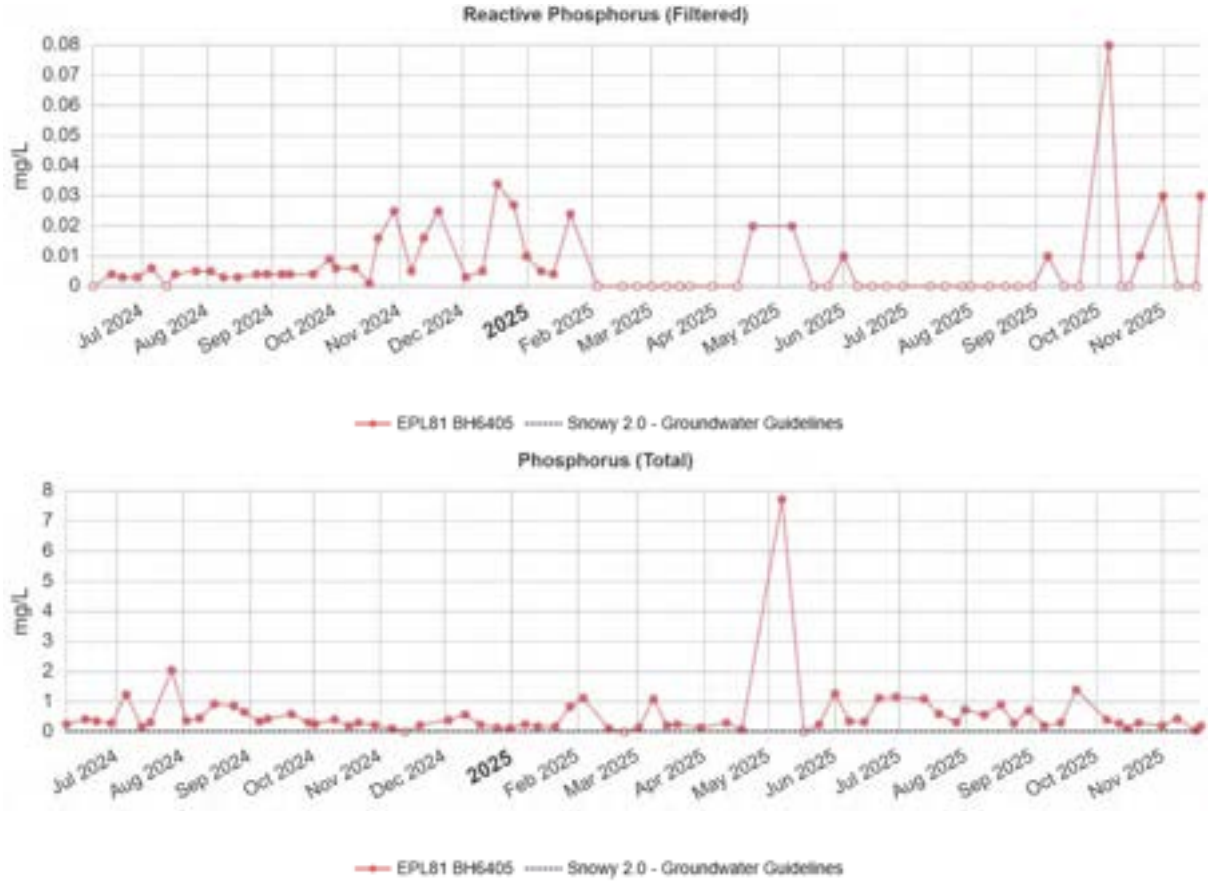
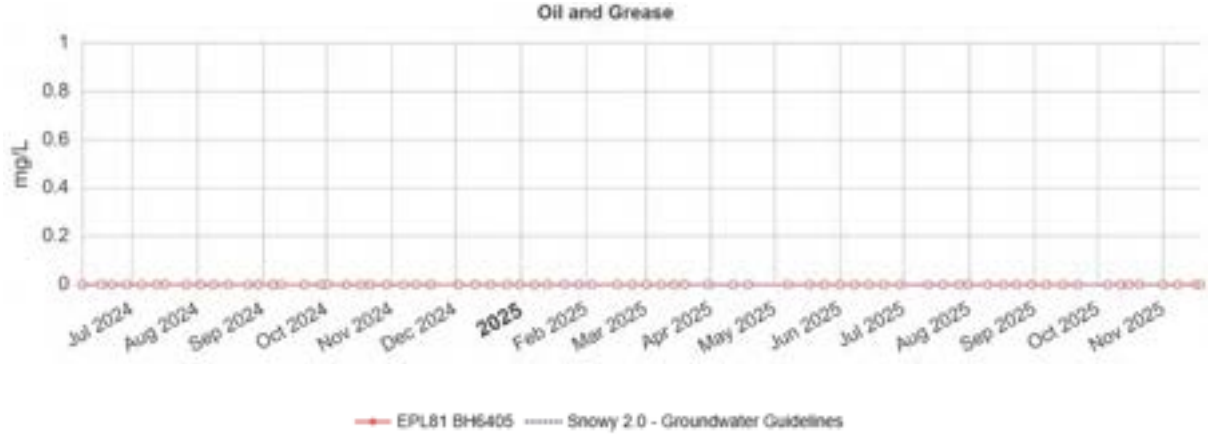
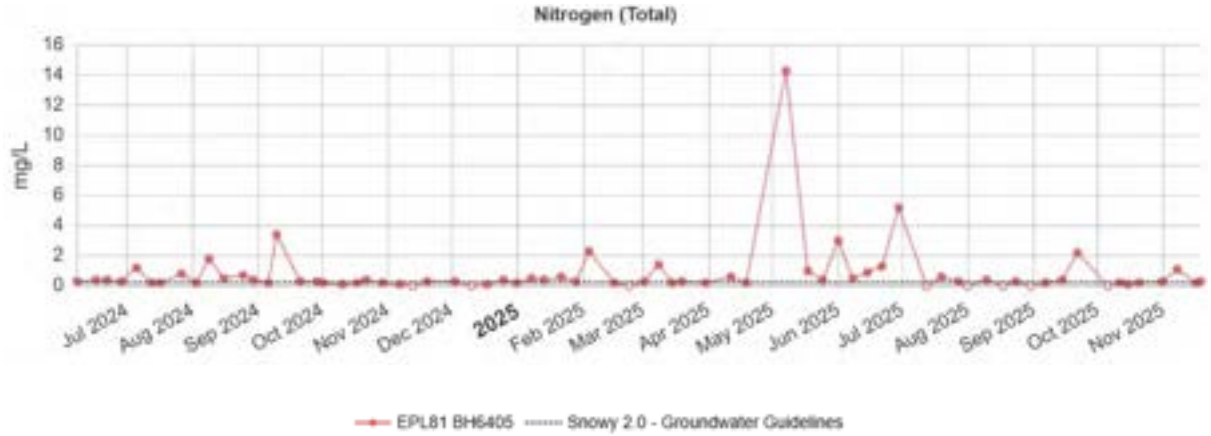
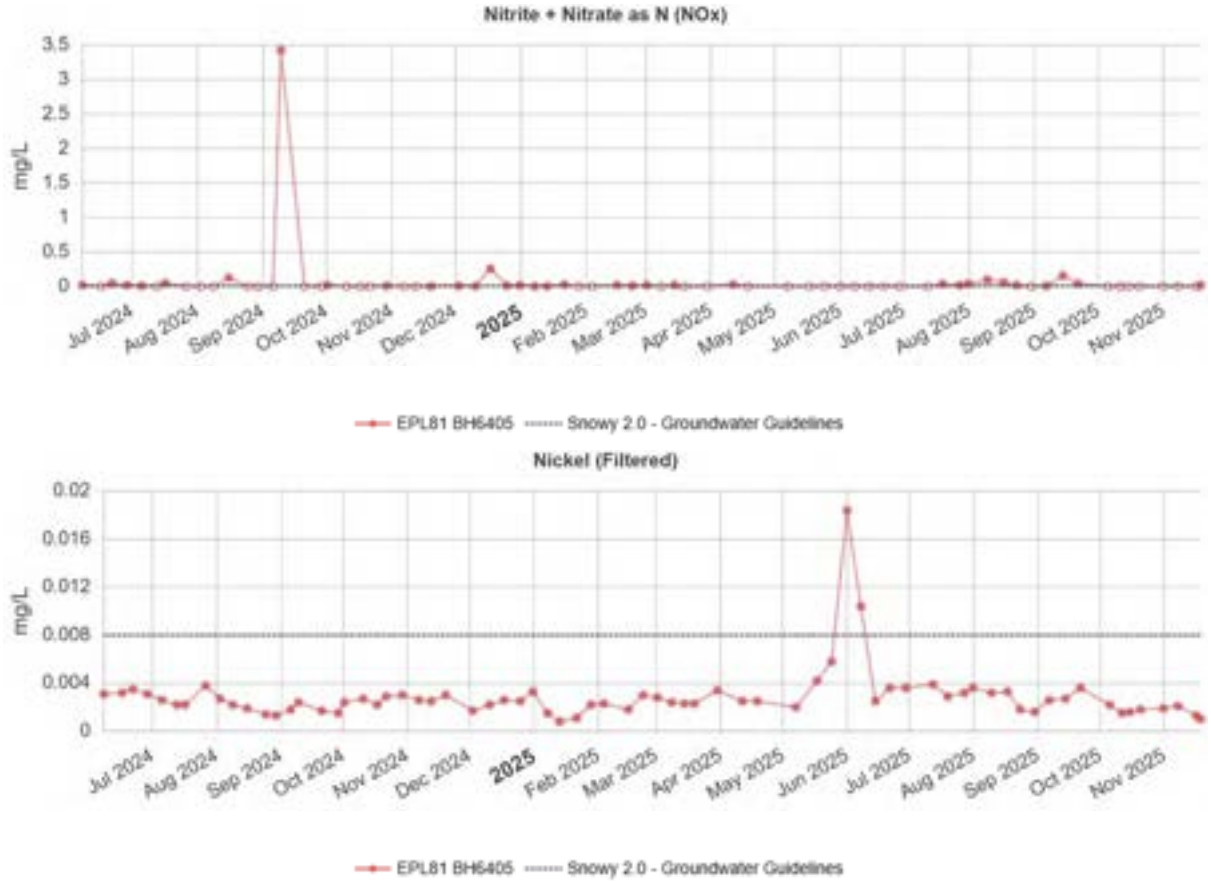
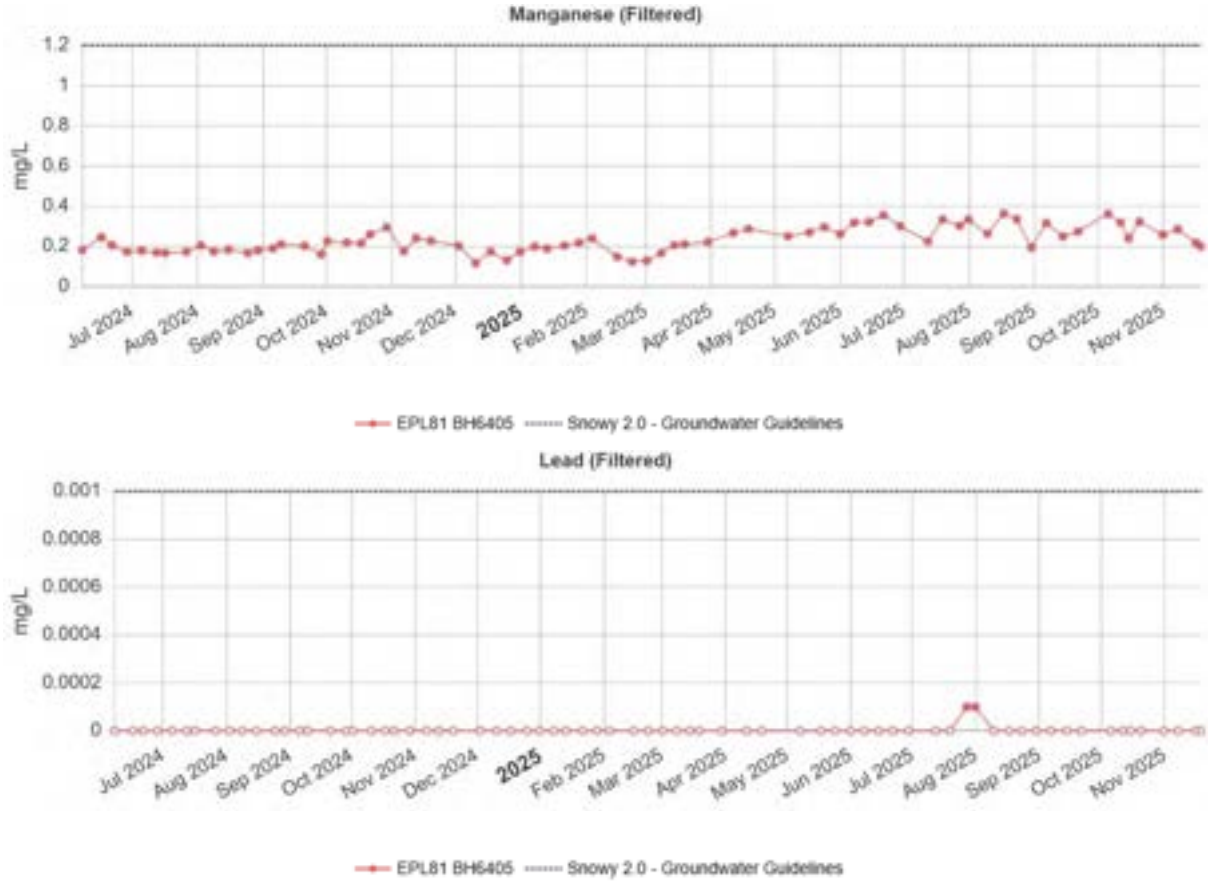
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines

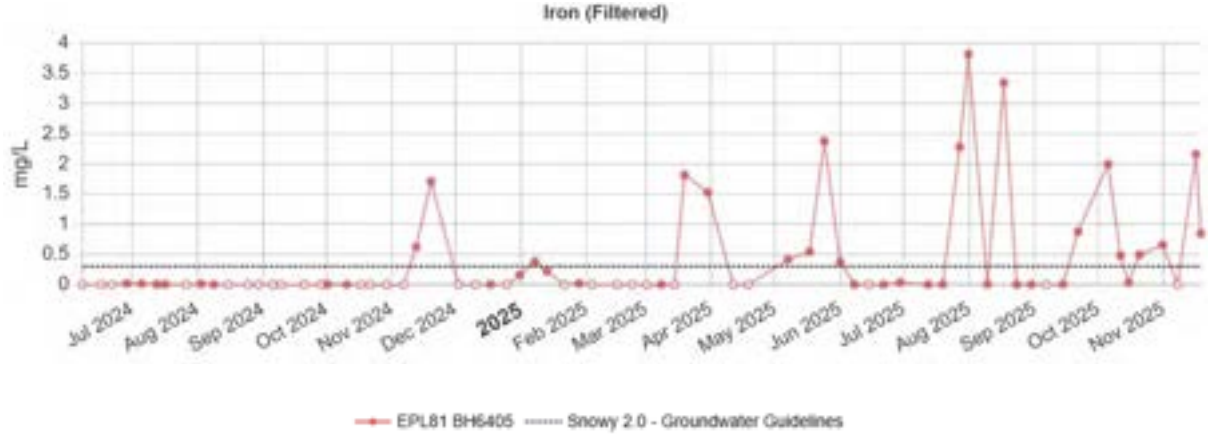

Reactive Phosphorus (Filtered)
mg/L
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines
Phosphorus (Total)
mg/L
8
7
6
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines

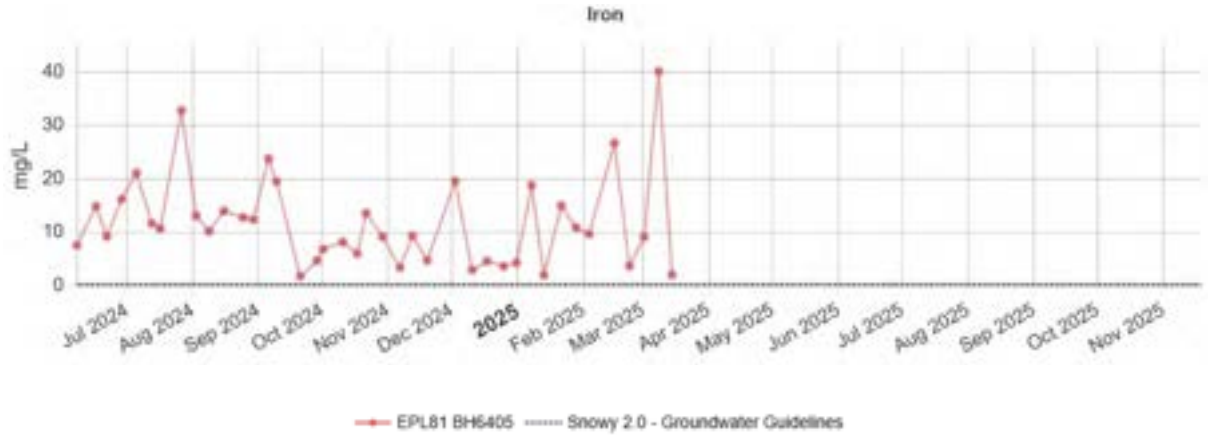

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines

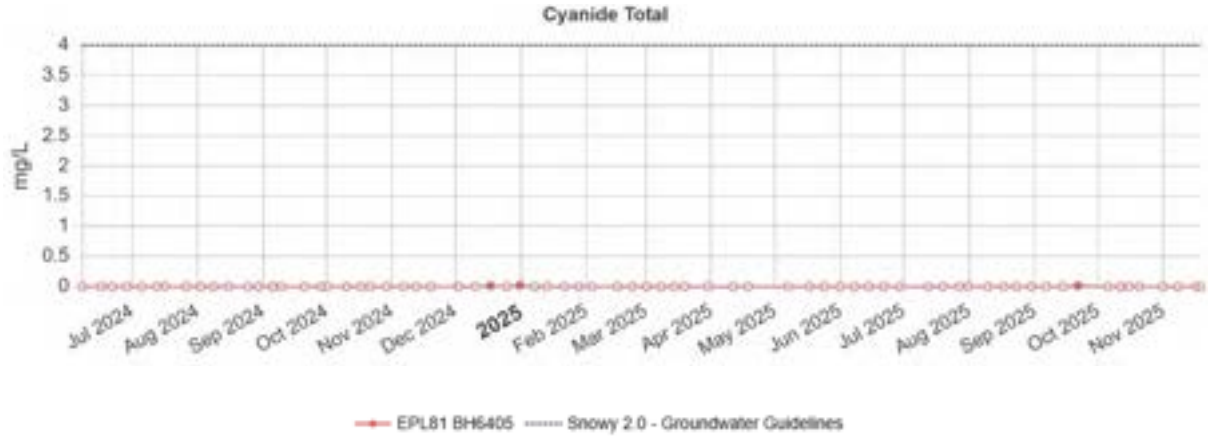

Nitrogen (Total)
mg/L
16
14
12
10
8
6
4
2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines

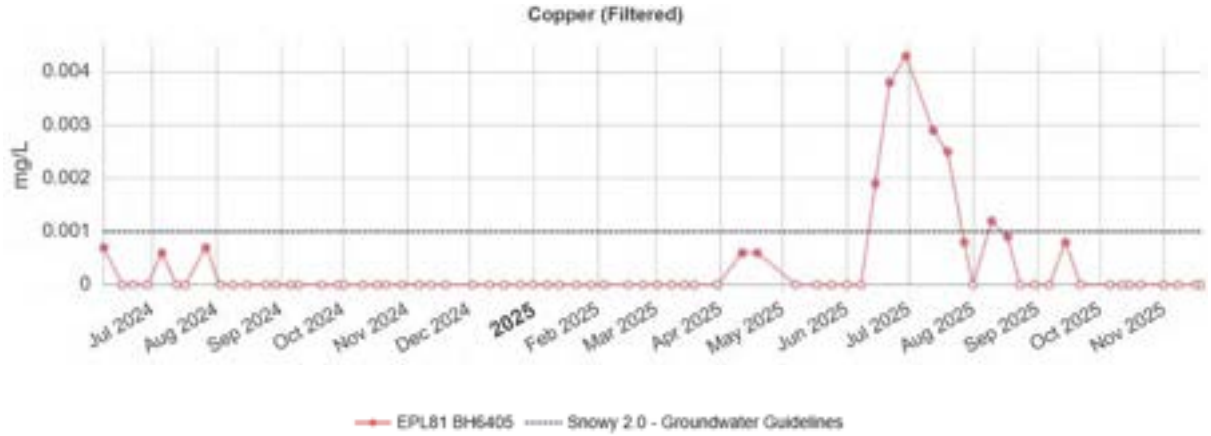

Nitrite + Nitrate as N (NOx)
mg/L
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines
Nickel (Filtered)
mg/L
0.02
0.016
0.012
0.008
0.004
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines

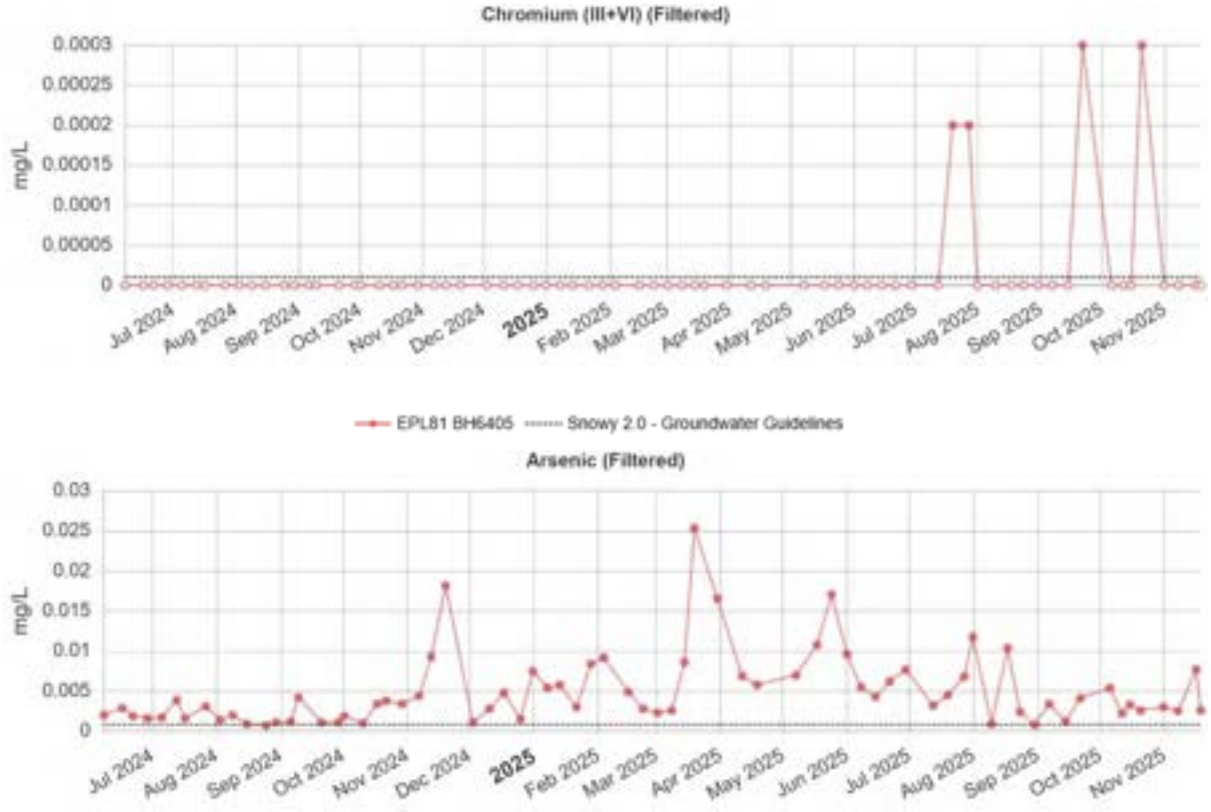

Manganese (Filtered)
1.2
1
0.8
0.6
0.4
0.2
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines
Lead (Filtered)
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines

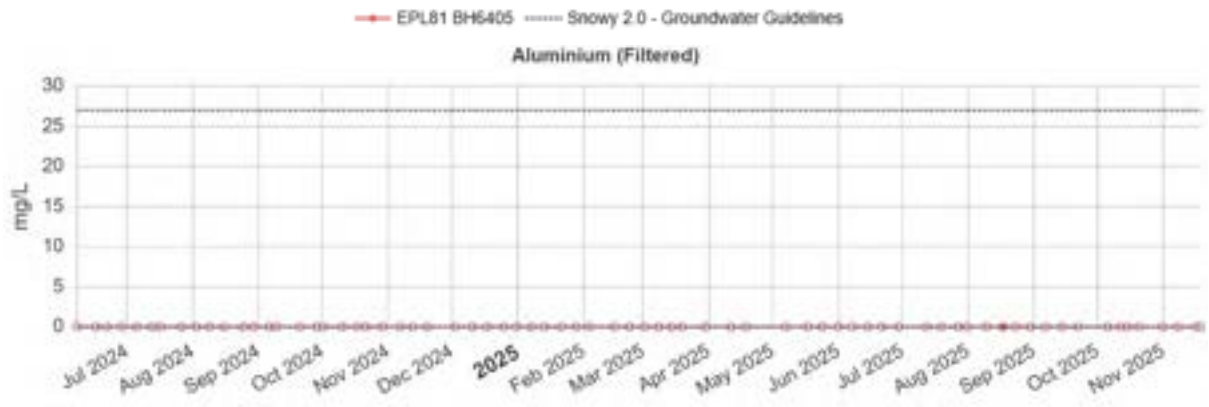

Iron (Filtered)
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines

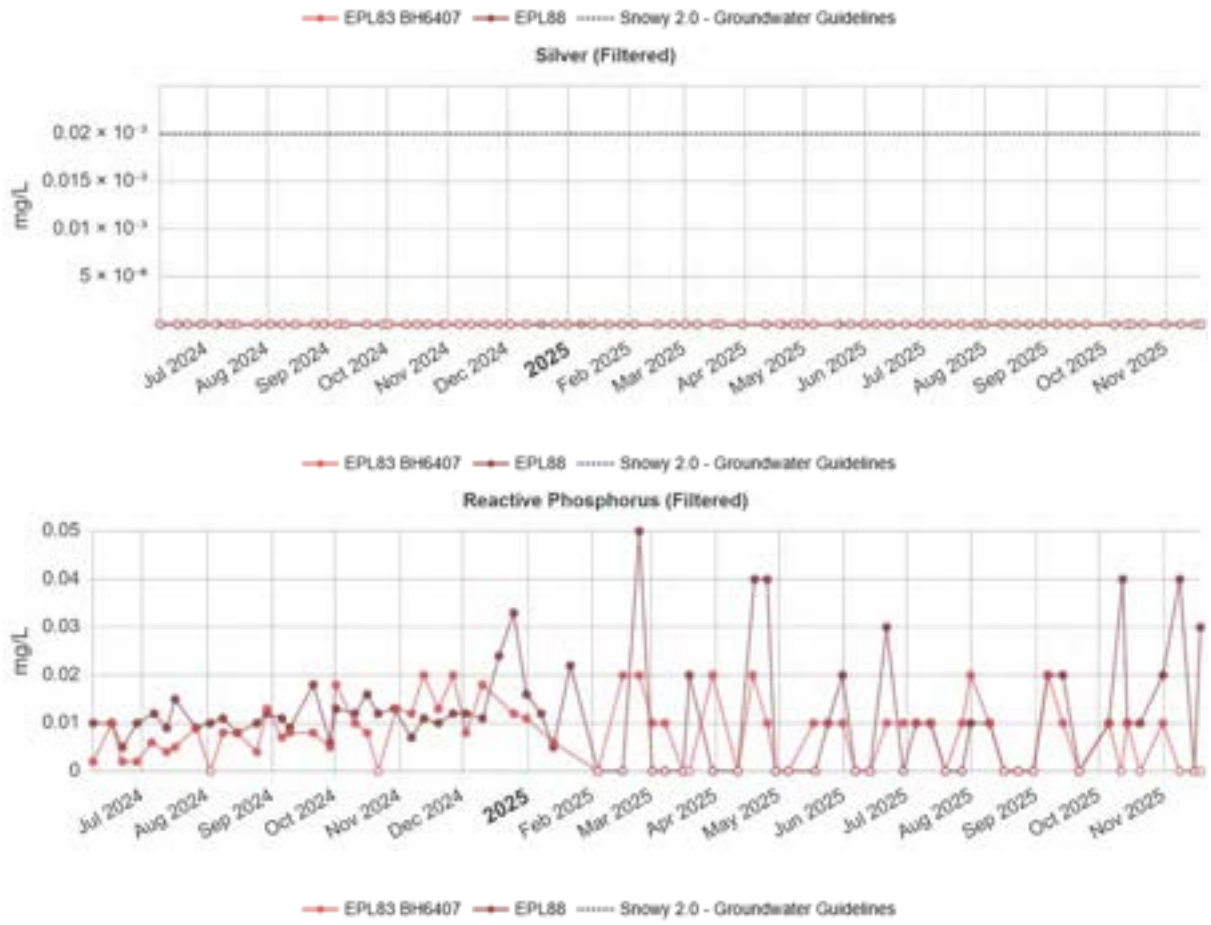

Iron
mg/L
40
30
20
10
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines

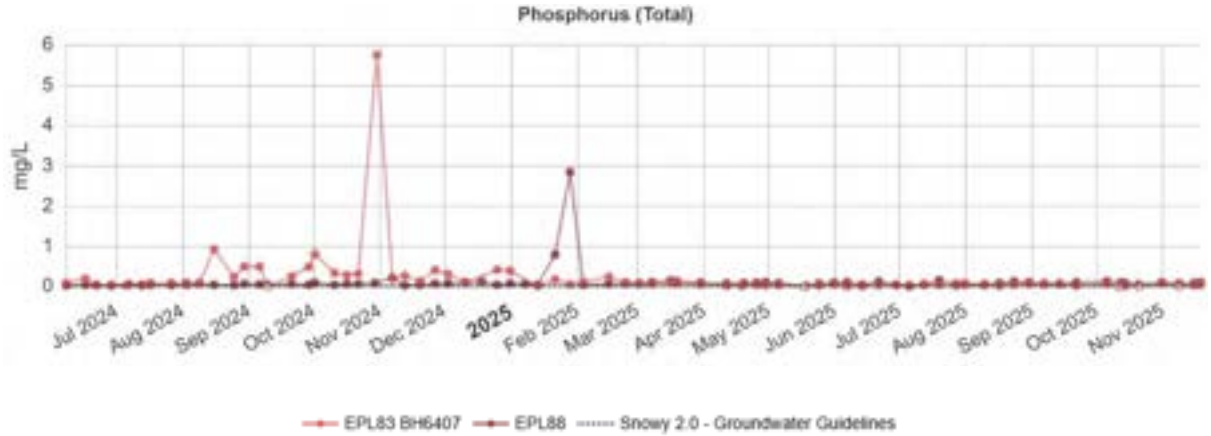

Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines

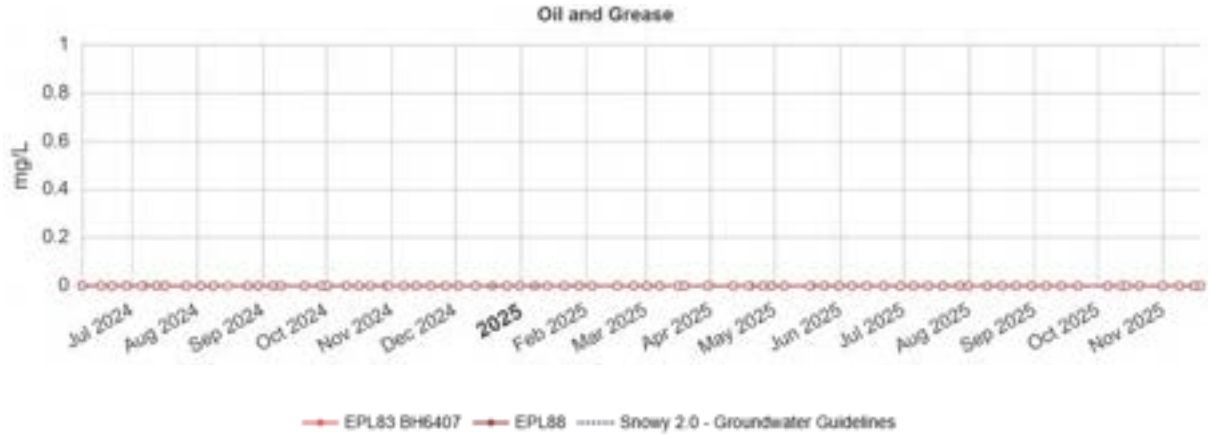

Copper (Filtered)
mg/L
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines

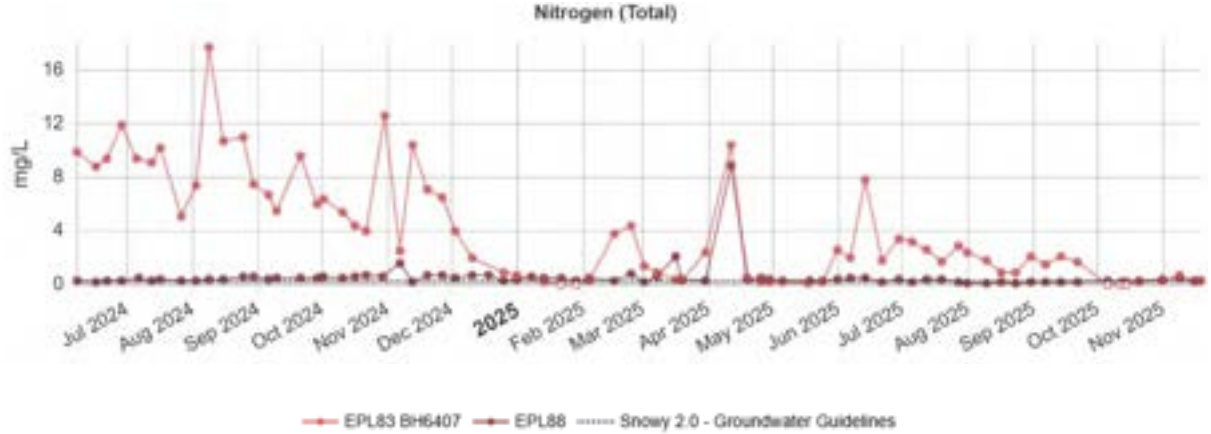

Chromium (III+VI) (Filtered)
mg/L
0.0003
0.00025
0.0002
0.00015
0.0001
0.00005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines
Arsenic (Filtered)
mg/L
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

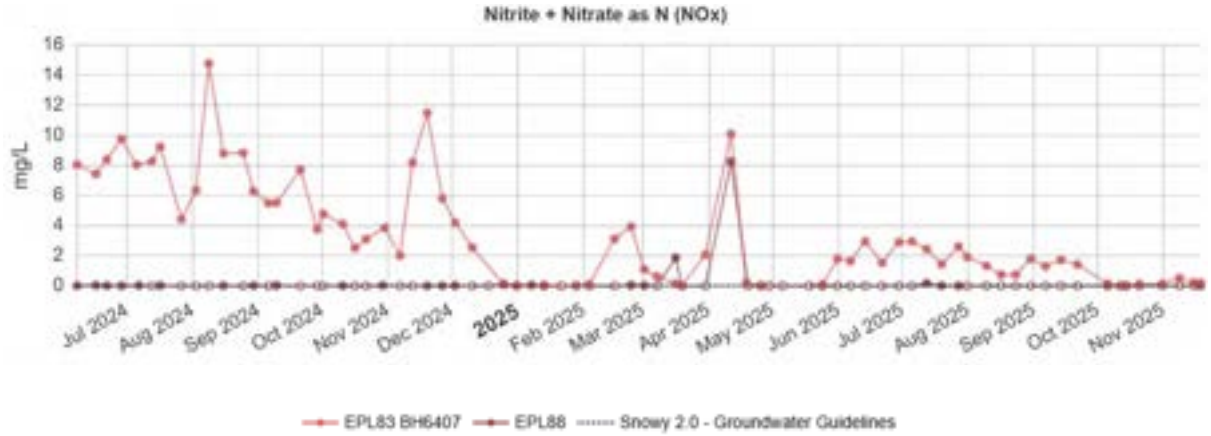

EPL81 BH6405
Snowy 2.0 - Groundwater Guidelines
Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

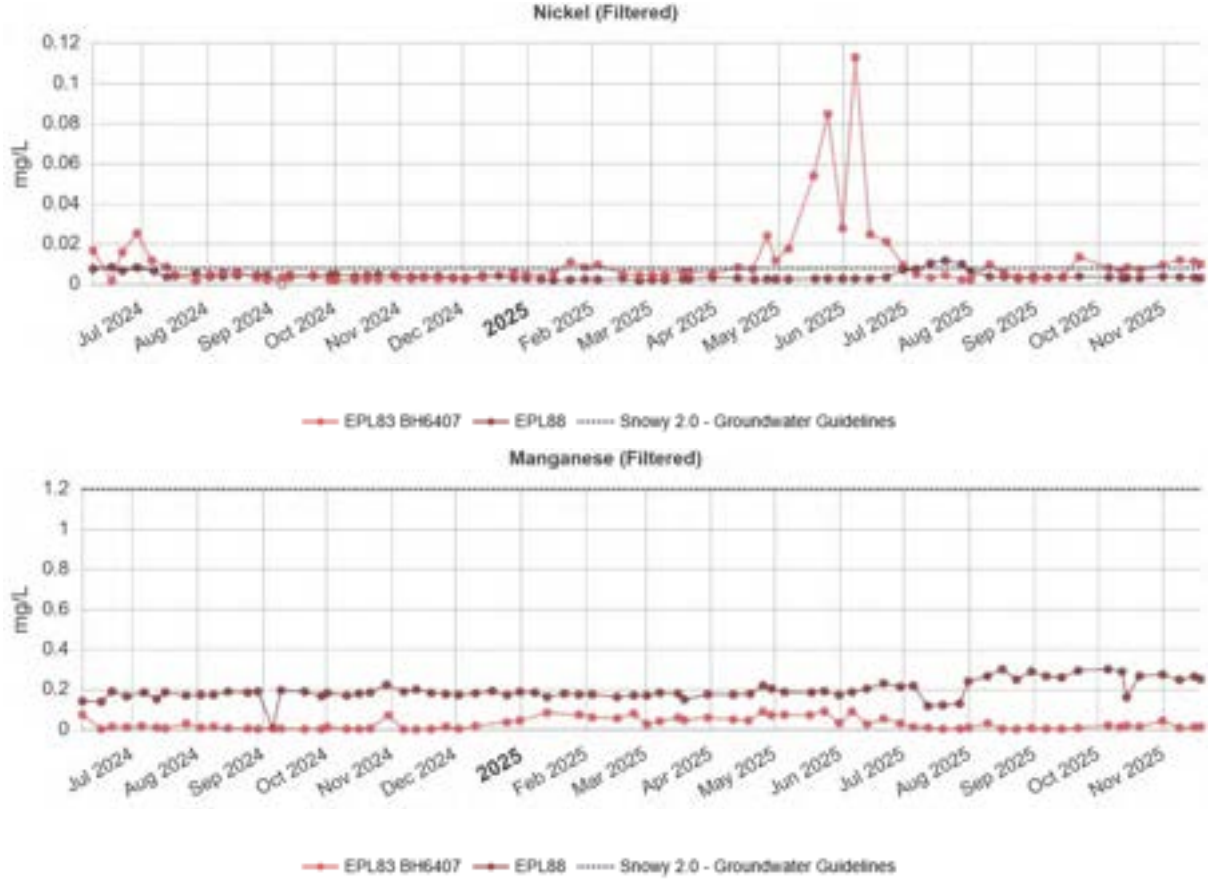

EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines
Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines
Reactive Phosphorus (Filtered)
mg/L
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines

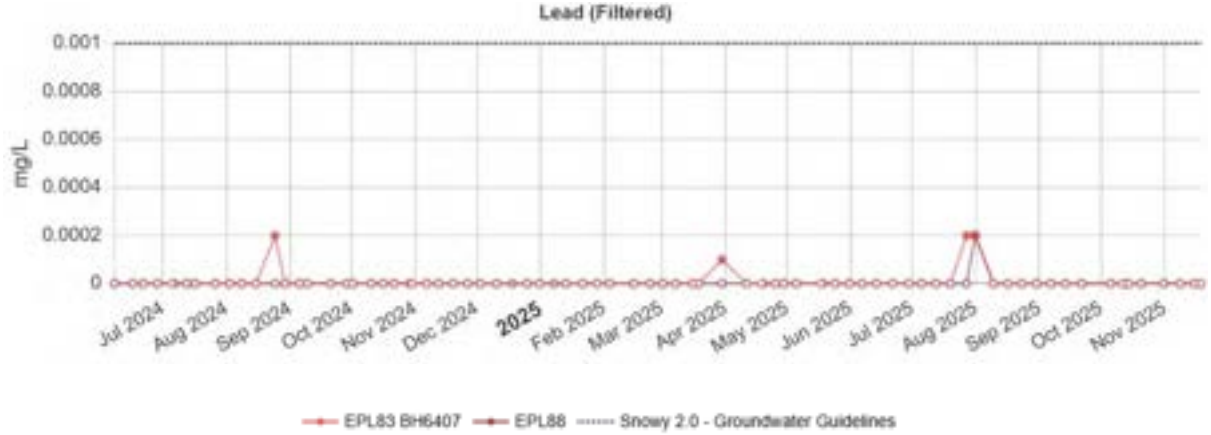

Phosphorus (Total)
mg/L
6
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines

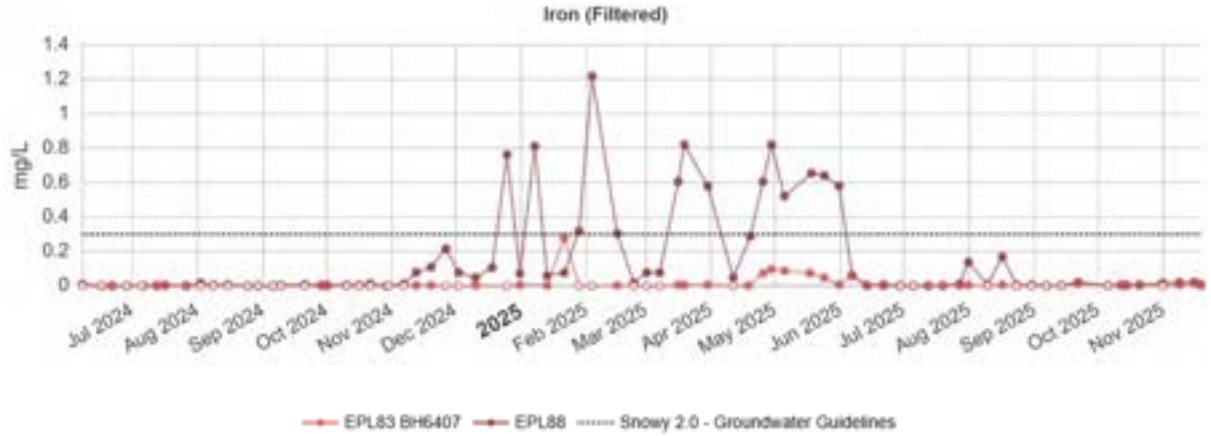

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines

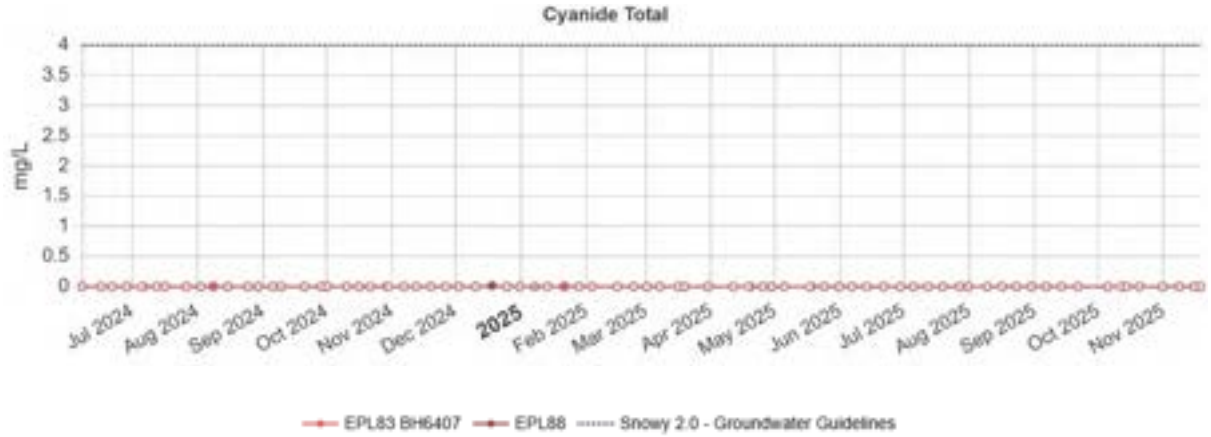

Nitrogen (Total)
mg/L
16
12
8
4
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines

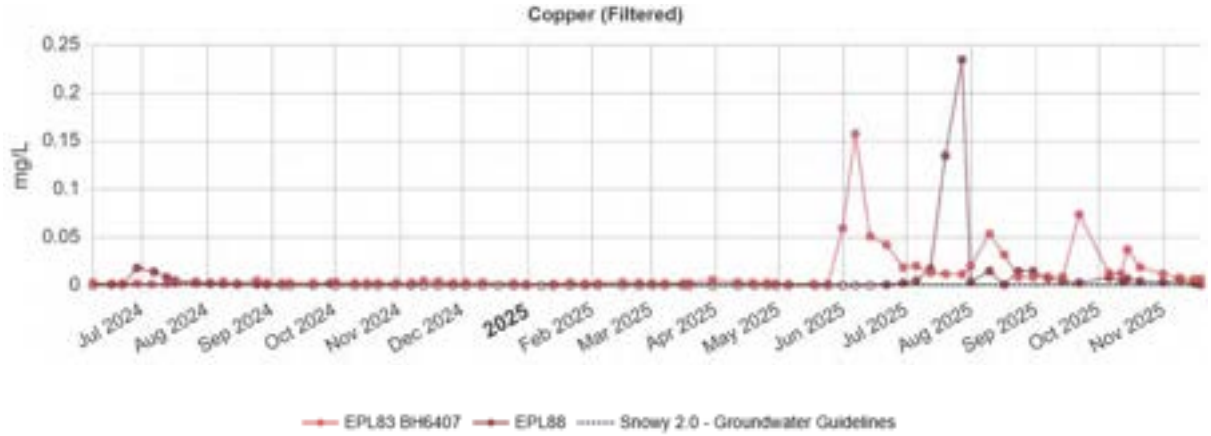

Nitrite + Nitrate as N (NOx)
mg/L
16
14
12
10
8
6
4
2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines

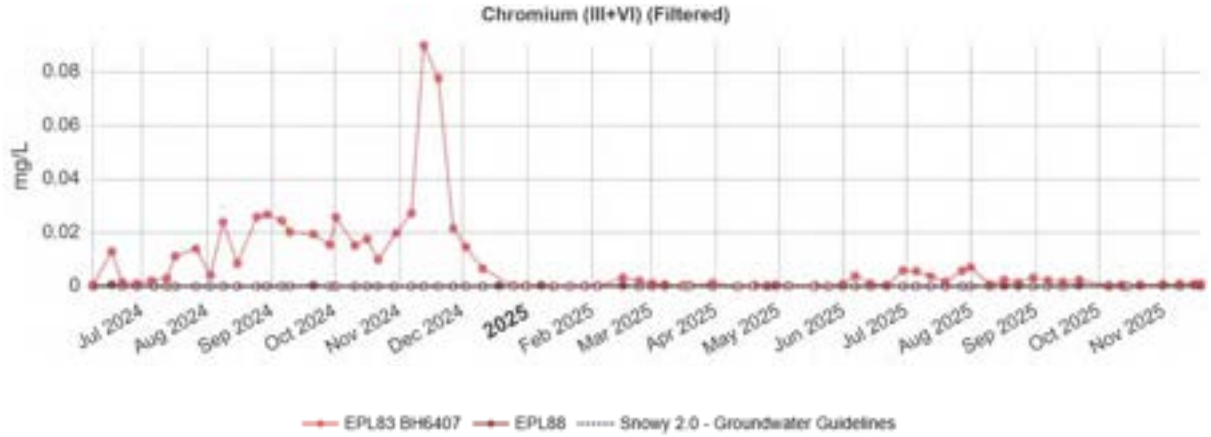

Nickel (Filtered)
mg/L
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines
Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines

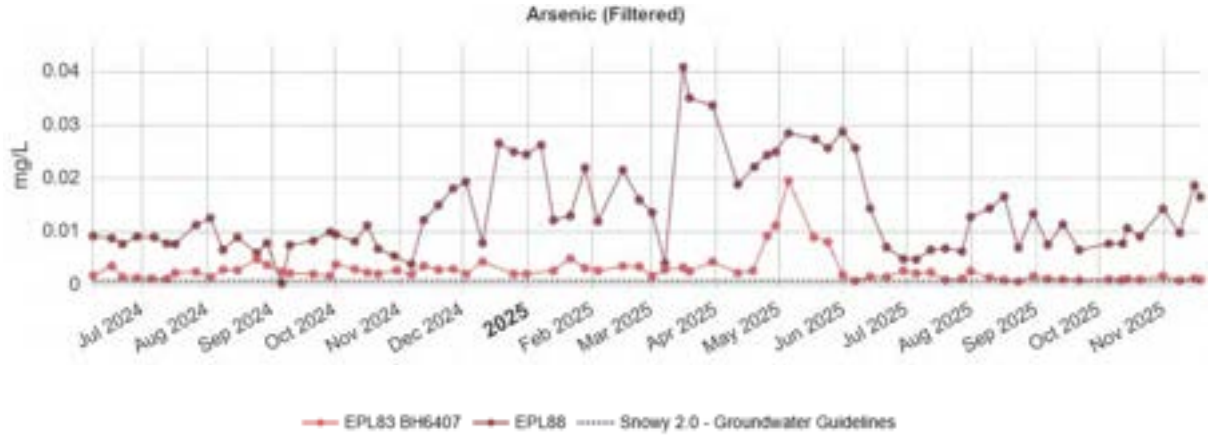

Lead (Filtered)
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines

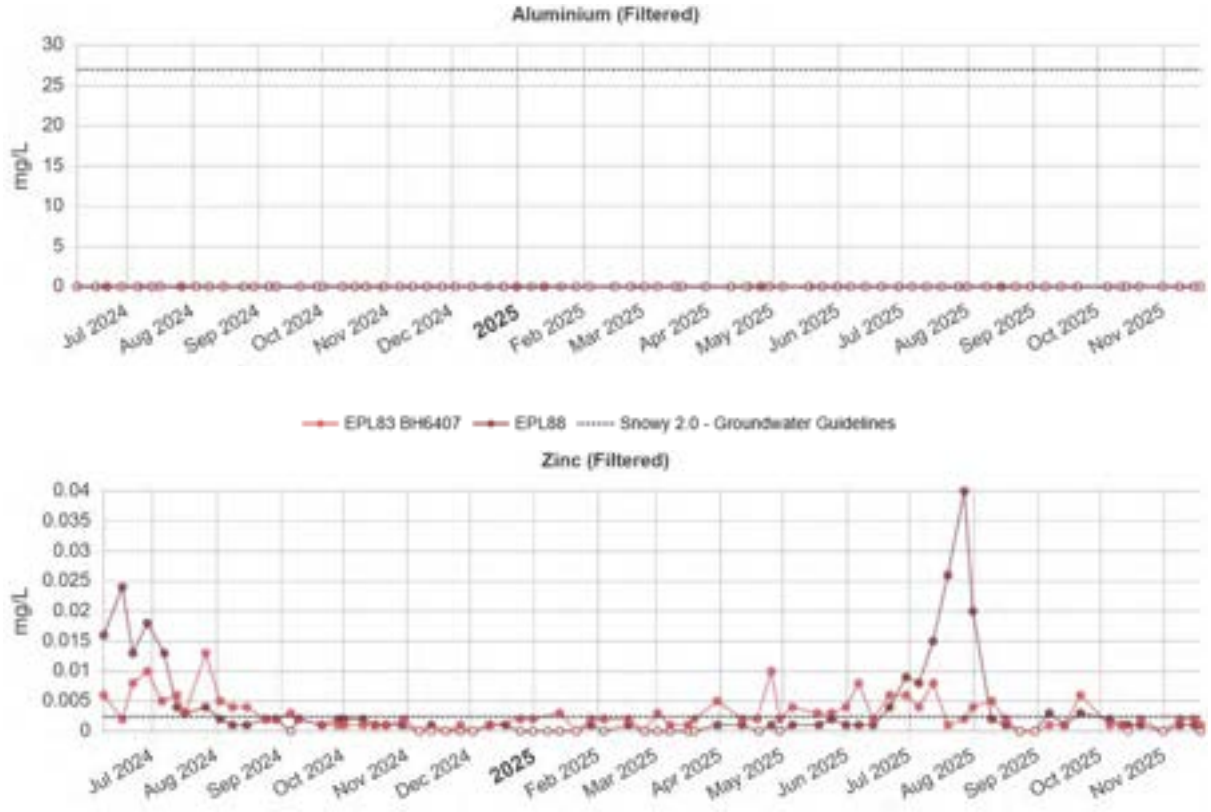

Iron (Filtered)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines

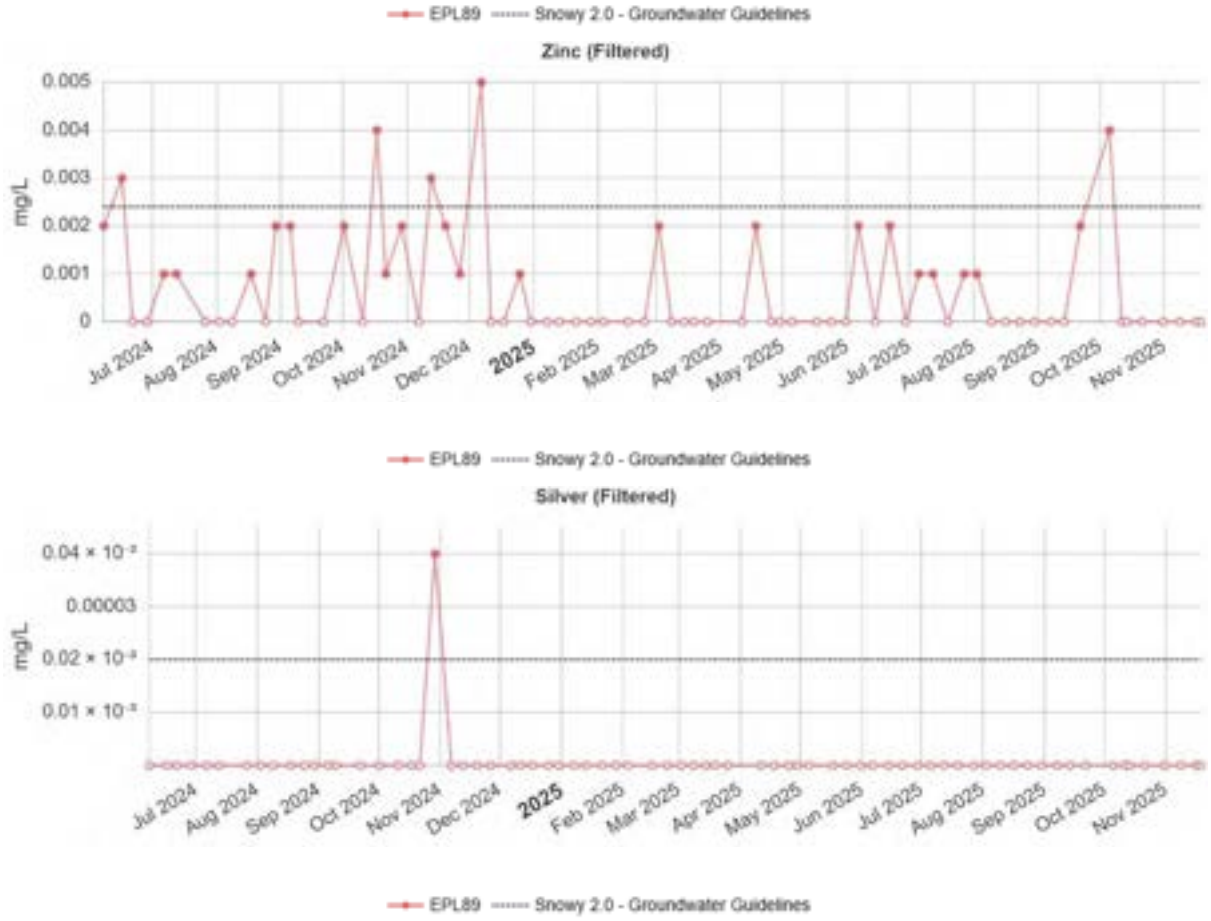

Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines


Copper (Filtered)
mg/L
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines

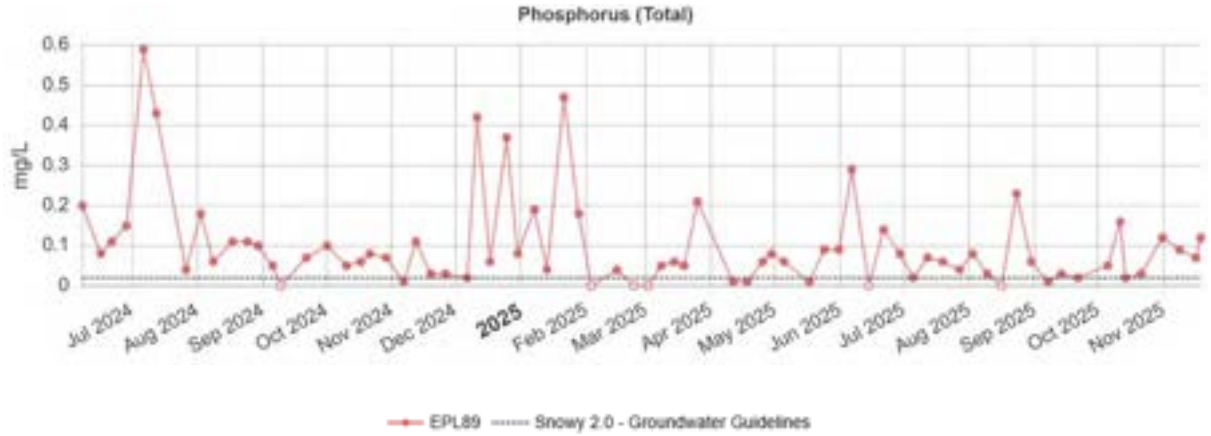

Chromium (III+VI) (Filtered)
mg/L
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines

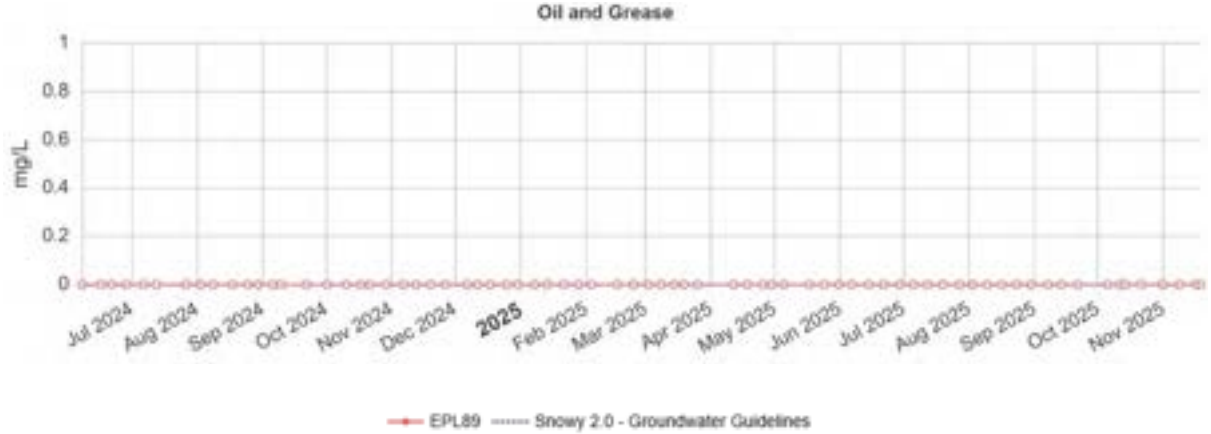

Arsenic (Filtered)
mg/L
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines


Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL83 BH6407
EPL88
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
mg/L
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL89
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
mg/L
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines
Silver (Filtered)
mg/L
0.04 × 10⁻³
0.00003
0.02 × 10⁻³
0.01 × 10⁻³
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines

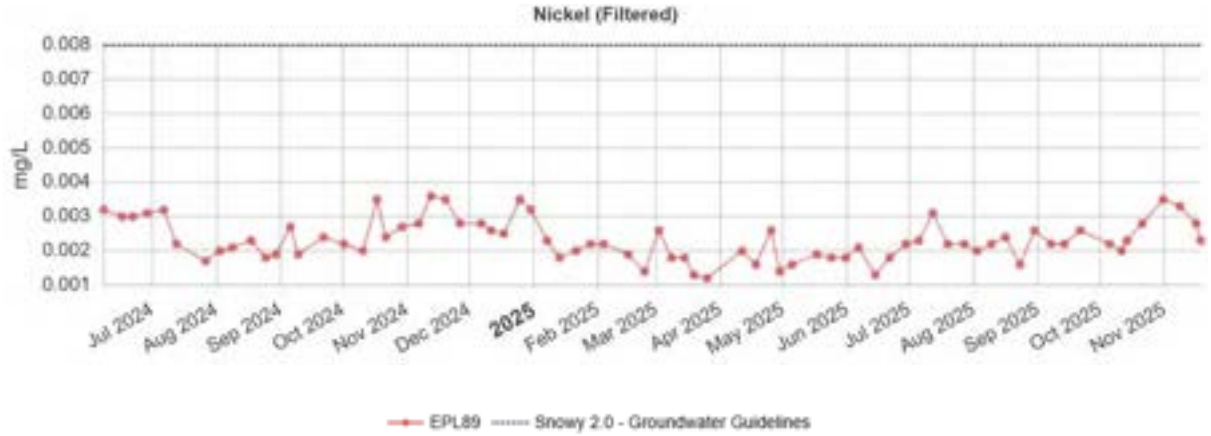
Reactive Phosphorus (Filtered)
mg/L
0.02
0.016
0.012
0.008
0.004
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines

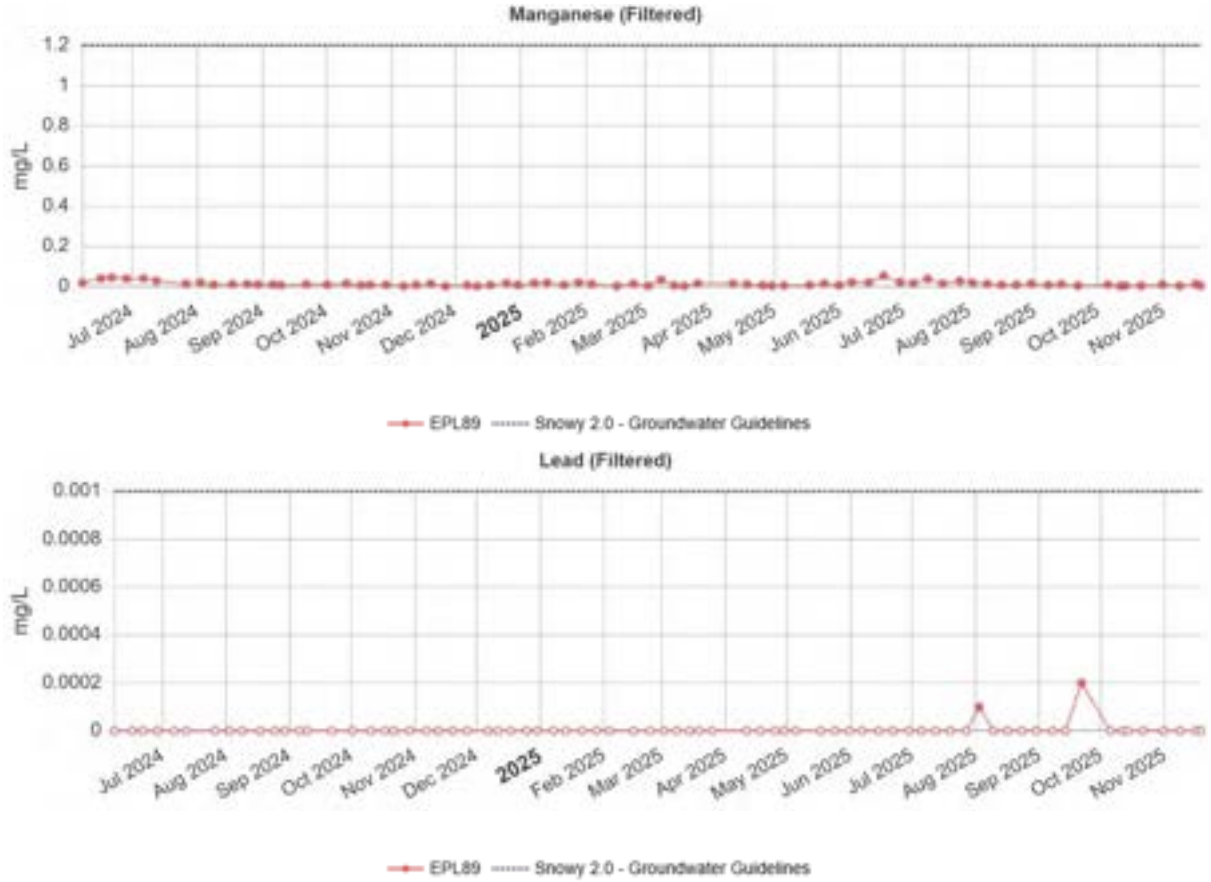

Phosphorus (Total)
mg/L
0.6
0.5
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines

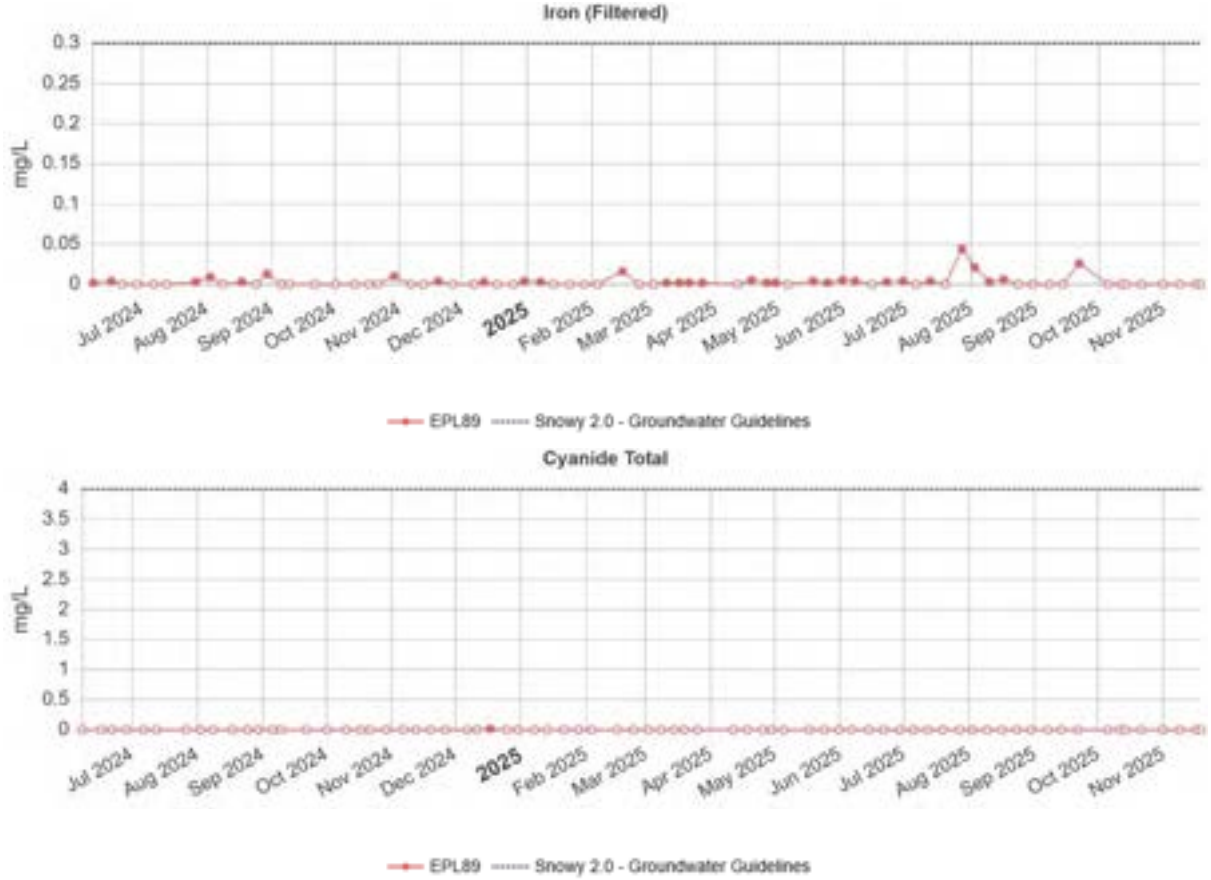

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines

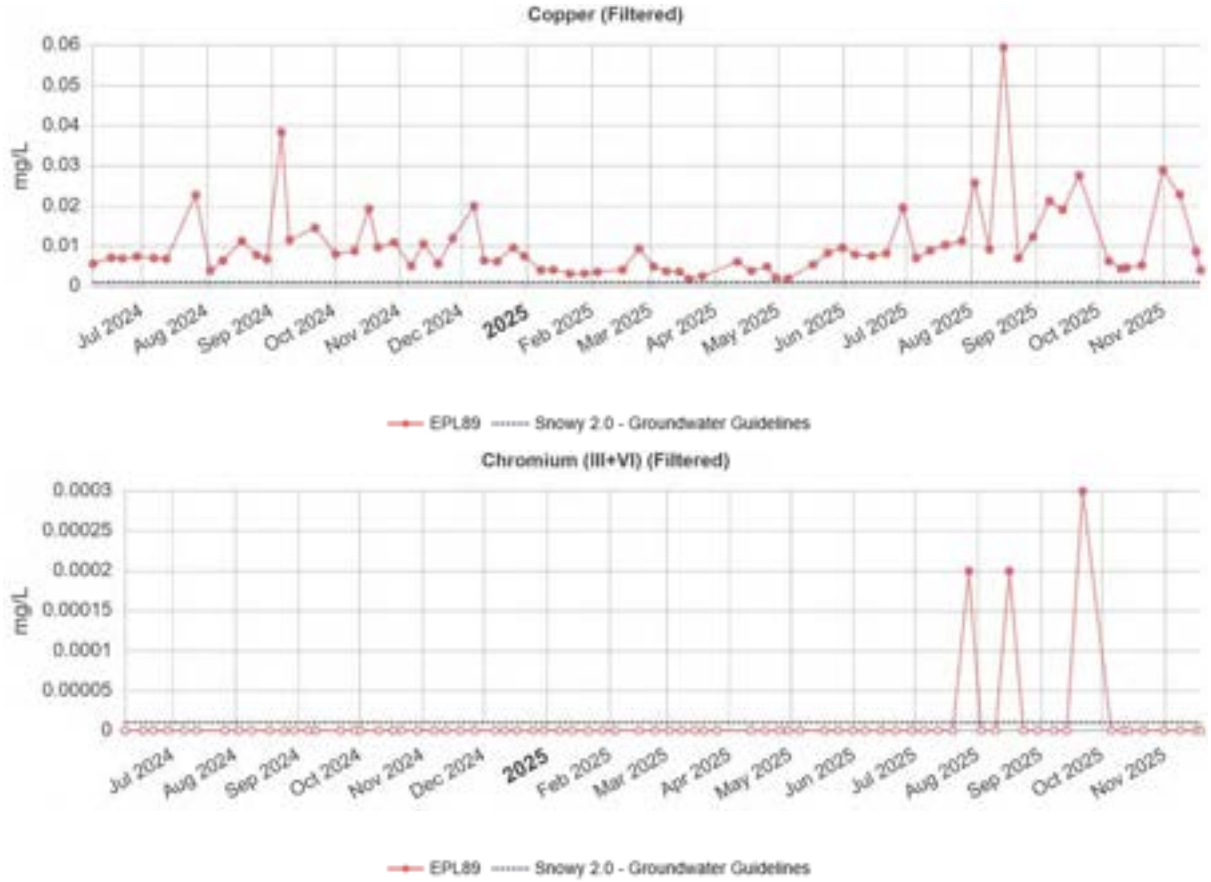
Nitrogen (Total)
mg/L
7
6
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines

Nitrite + Nitrate as N (NOx)
mg/L
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines

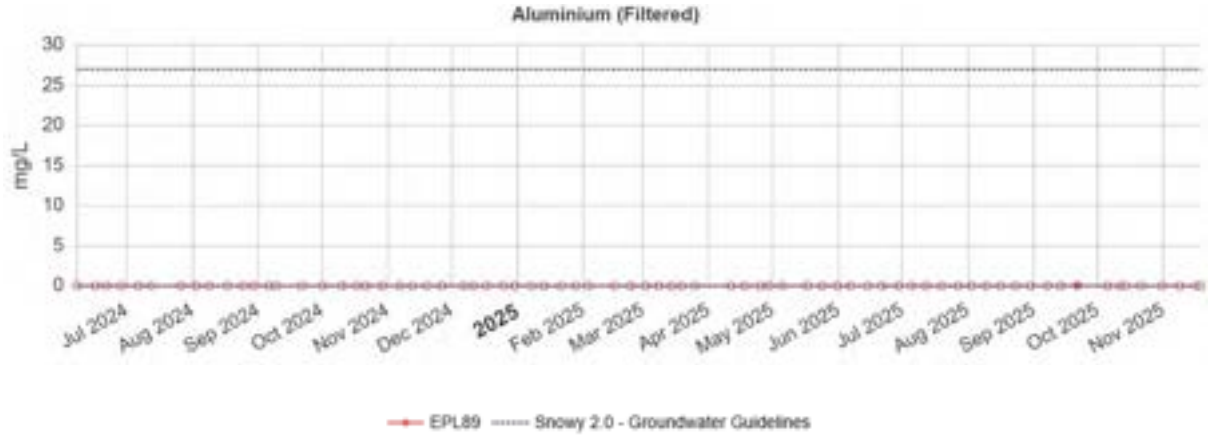

Nickel (Filtered)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines

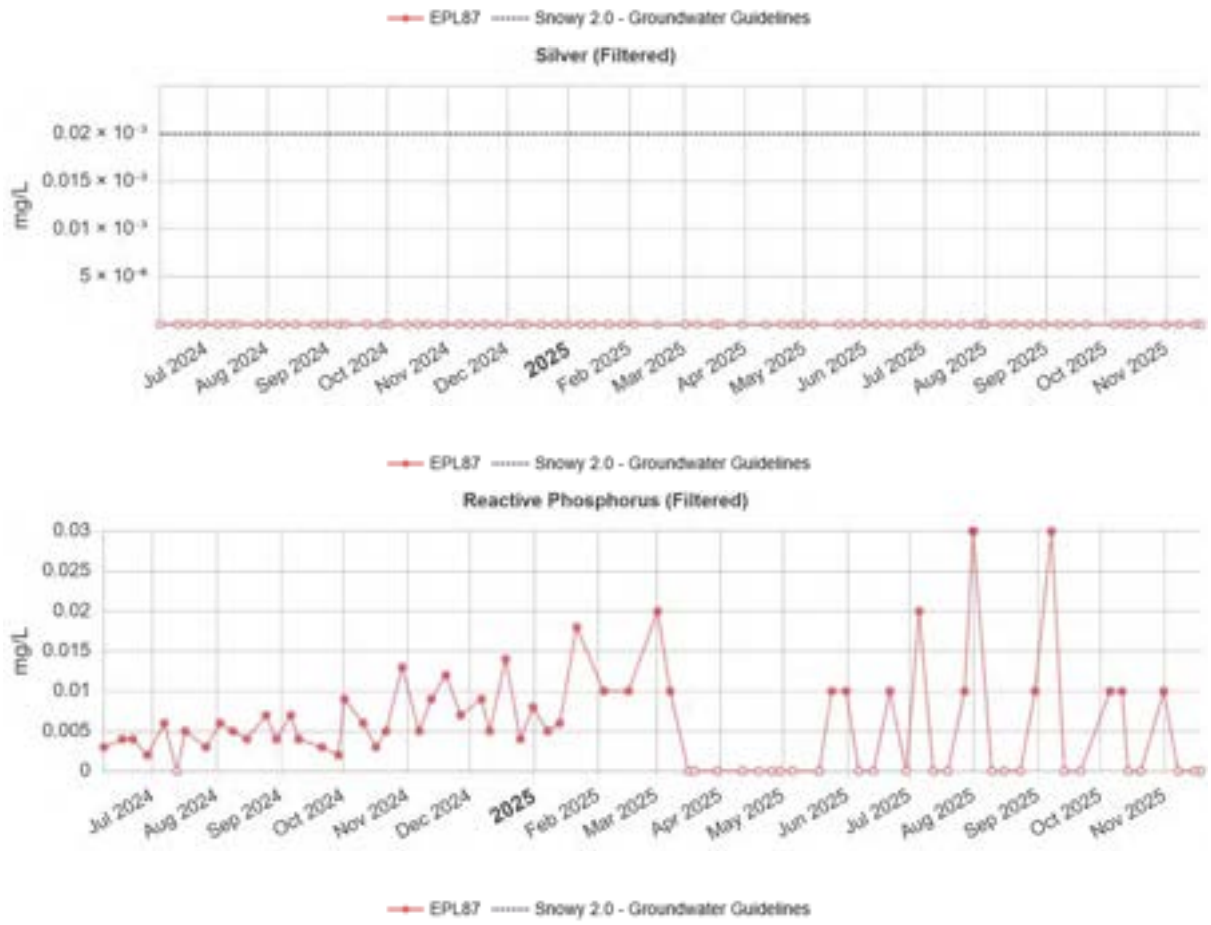

Manganese (Filtered)
1.2
1
0.8
0.6
0.4
0.2
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines
Lead (Filtered)
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines

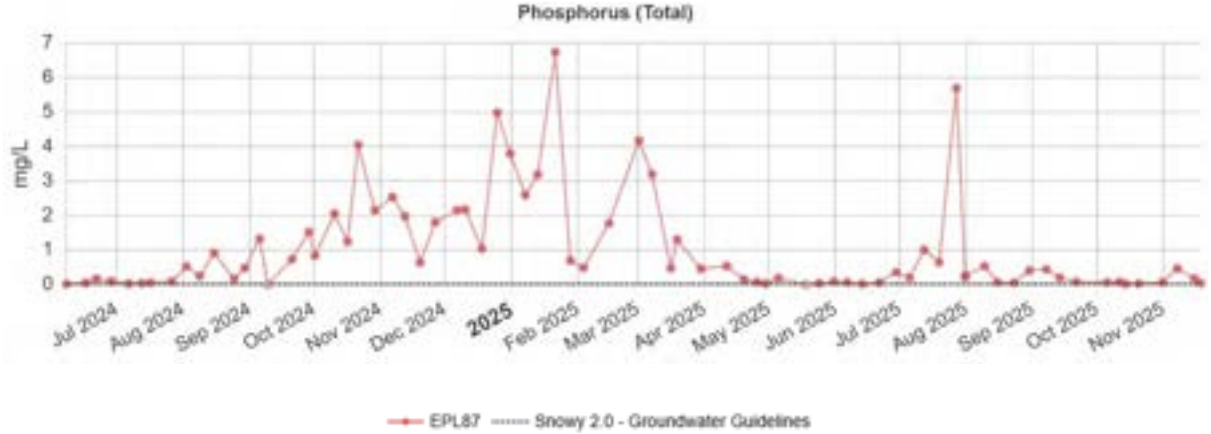

Iron (Filtered)
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines

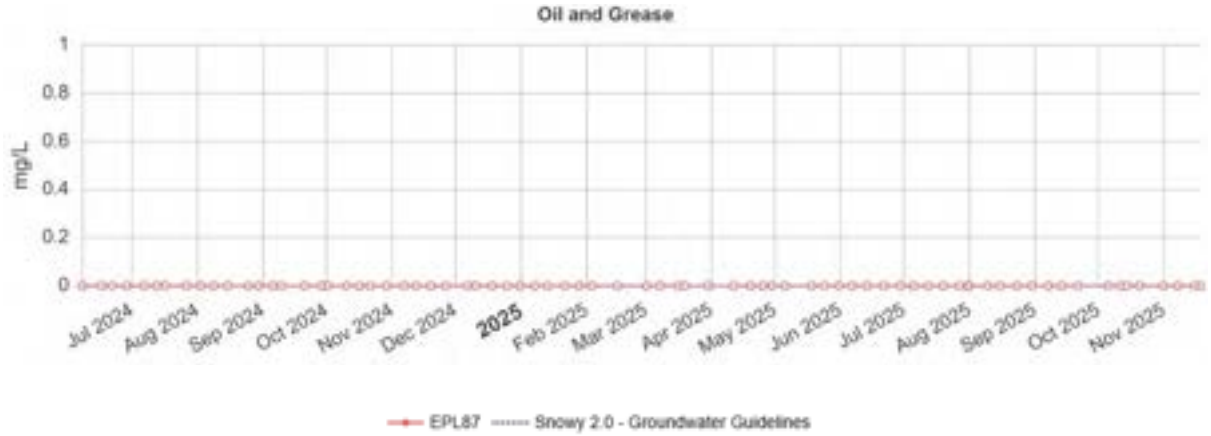

Copper (Filtered)
0.06
0.05
0.04
0.03
0.02
0.01
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines
Chromium (III+VI) (Filtered)
0.0003
0.00025
0.0002
0.00015
0.0001
0.00005
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines

Arsenic (Filtered)
0.0008
0.0007
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines


Aluminium (Filtered)
30
25
20
15
10
5
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL89
Snowy 2.0 - Groundwater Guidelines

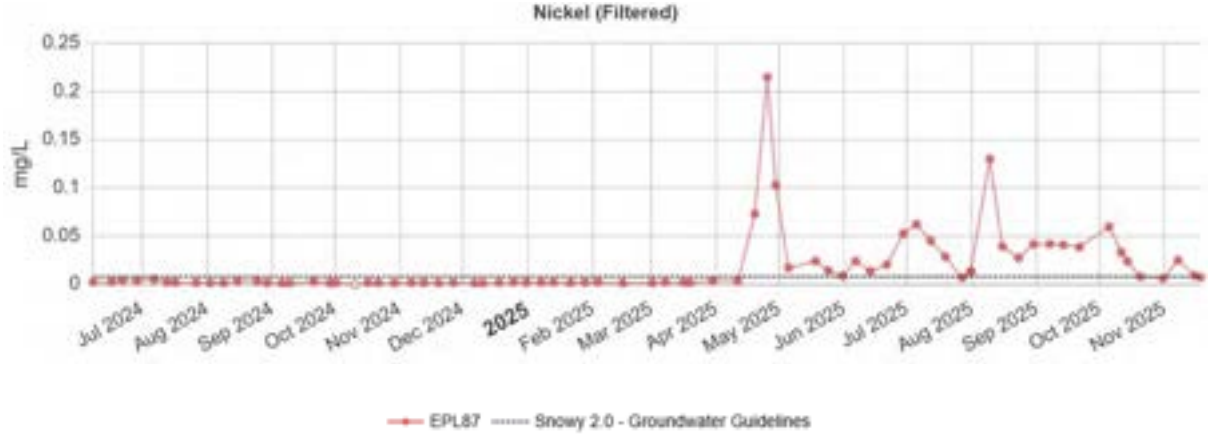

EPL87
Snowy 2.0 - Groundwater Guidelines
Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines
Reactive Phosphorus (Filtered)
mg/L
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines


Phosphorus (Total)
mg/L
7
6
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines

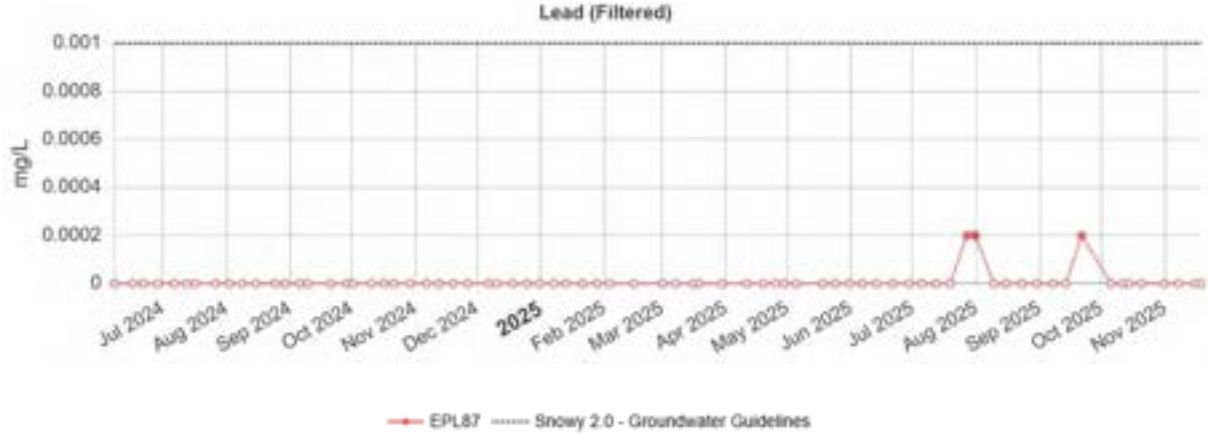

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines

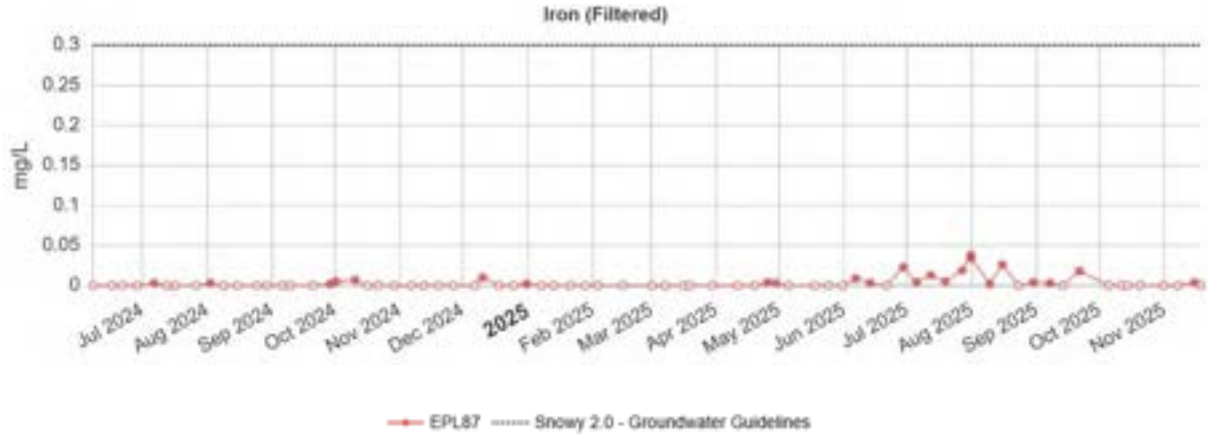
Nitrogen (Total)
mg/L
16
12
8
4
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines

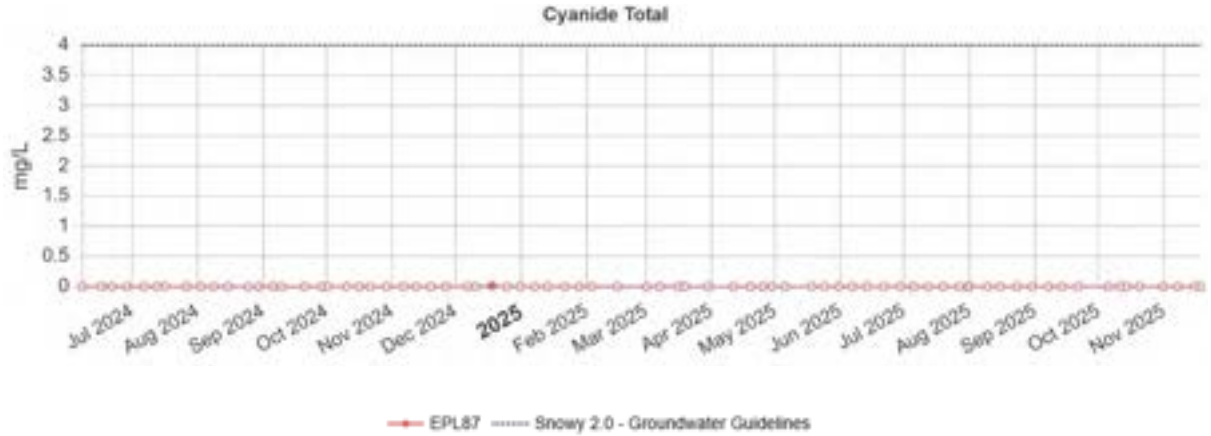
Nitrite + Nitrate as N (NOx)
mg/L
16
14
12
10
8
6
4
2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines

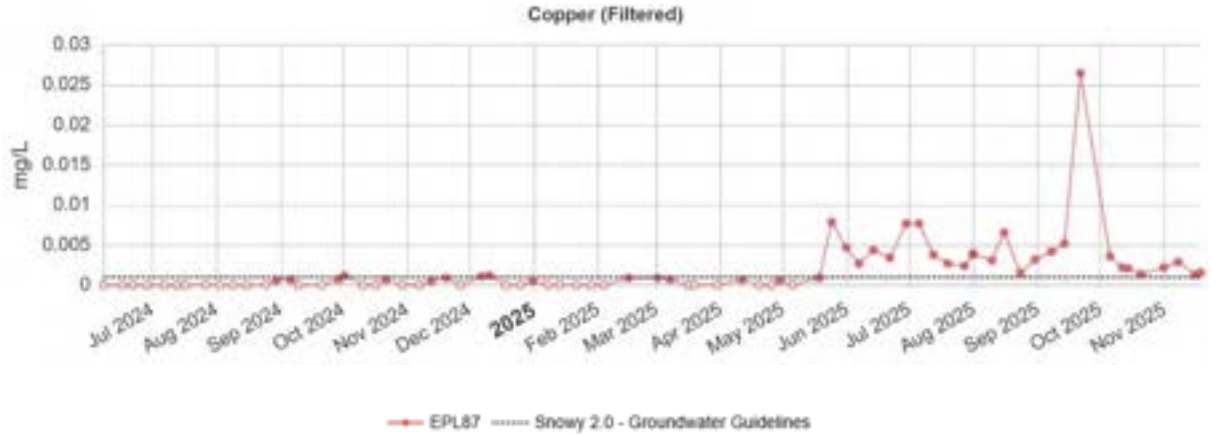

Nickel (Filtered)
mg/L
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines

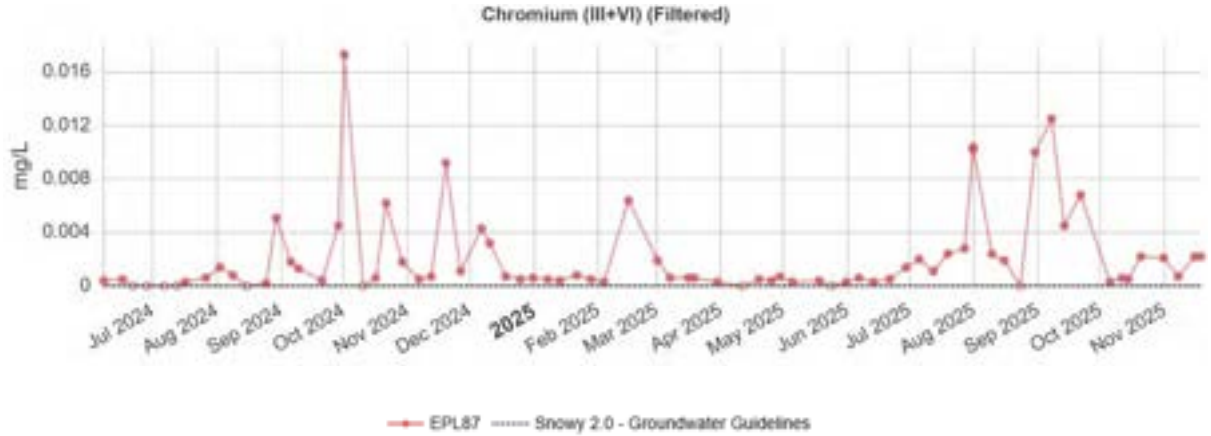
Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines


Lead (Filtered)
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines

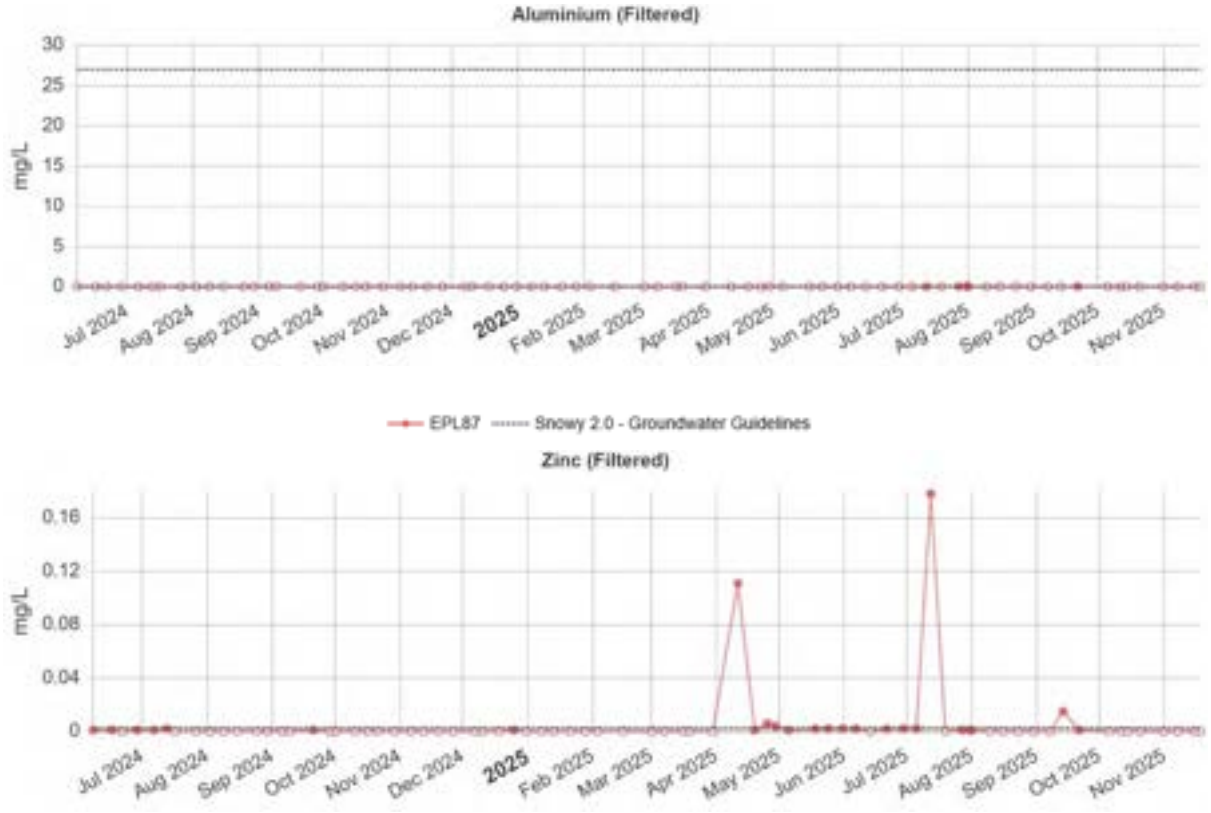

Iron (Filtered)
0.3
0.25
0.2
0.15
0.1
0.05
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines


Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines

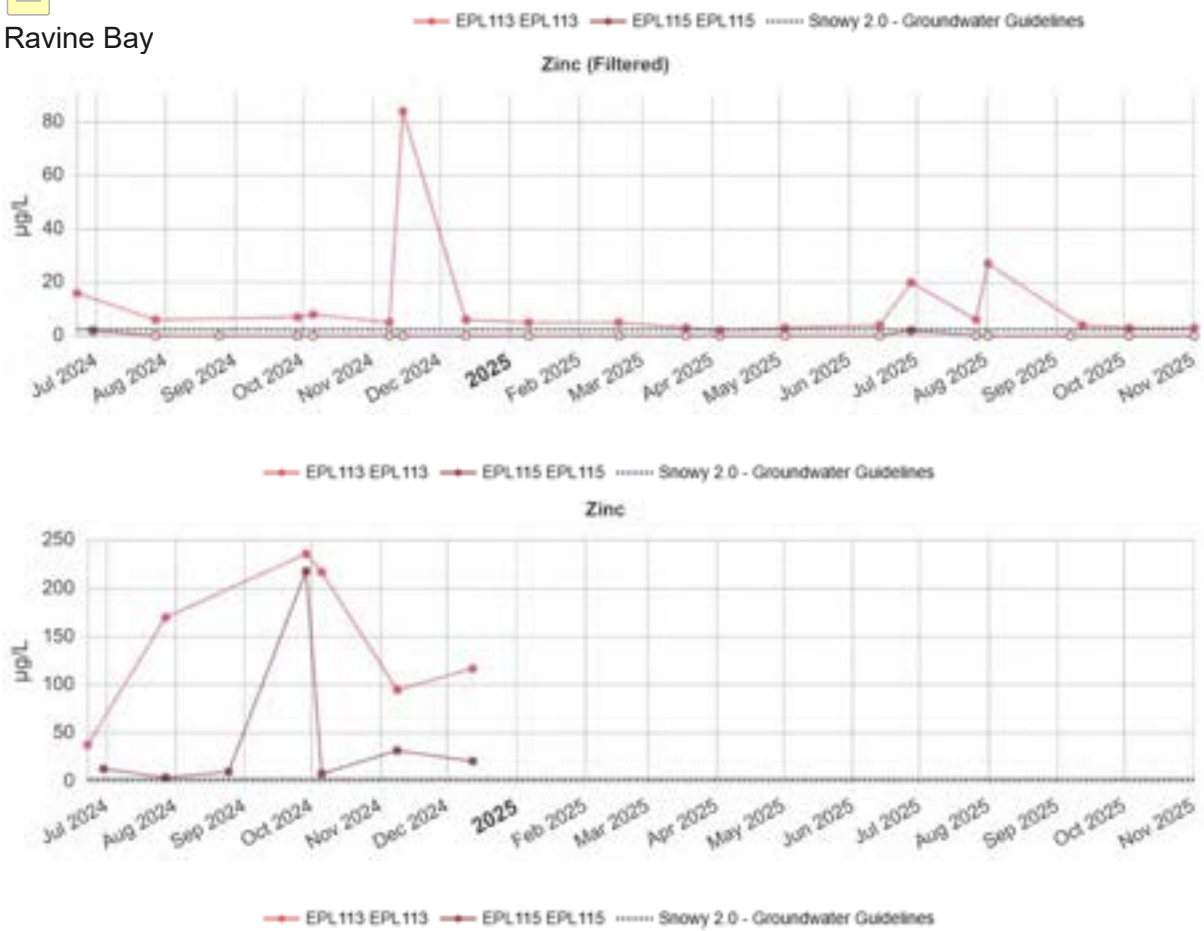

Copper (Filtered)
mg/L
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines

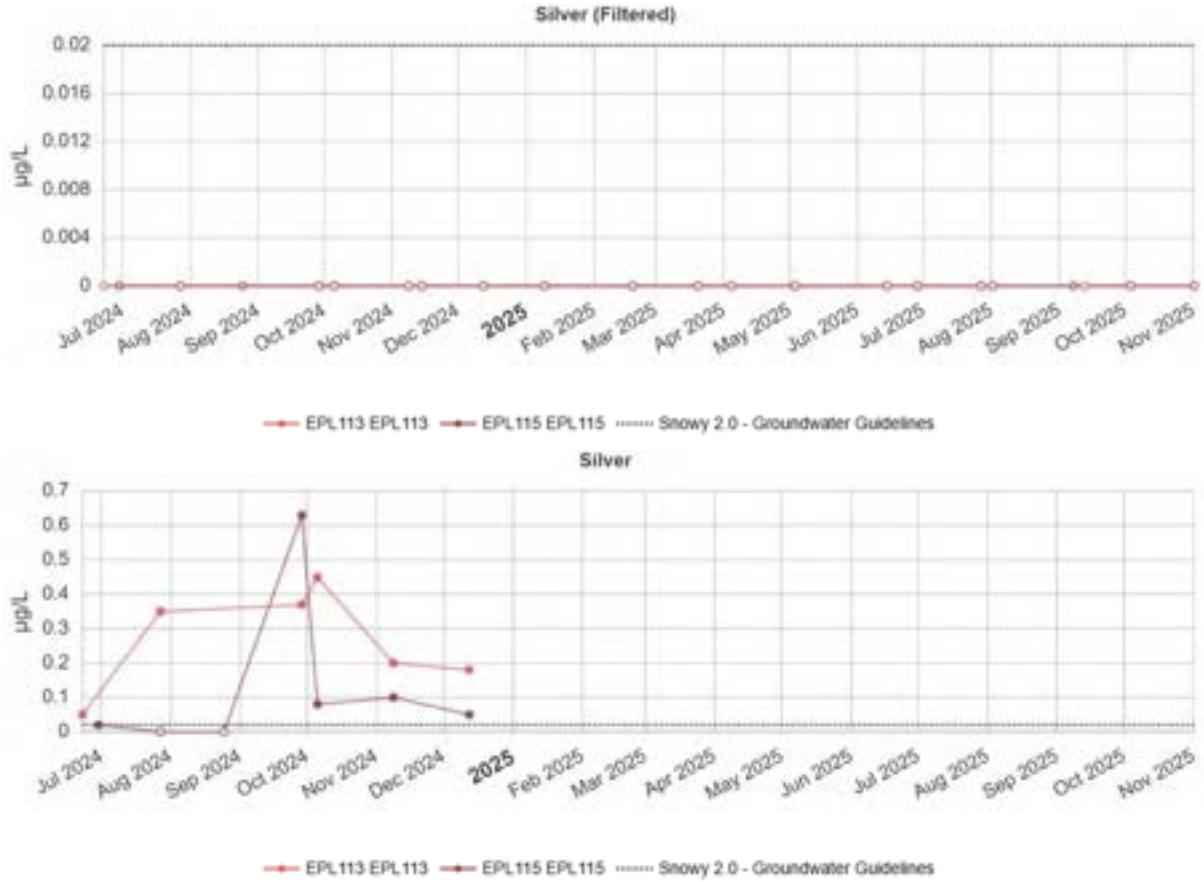

Chromium (III+VI) (Filtered)
mg/L
0.016
0.012
0.008
0.004
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines

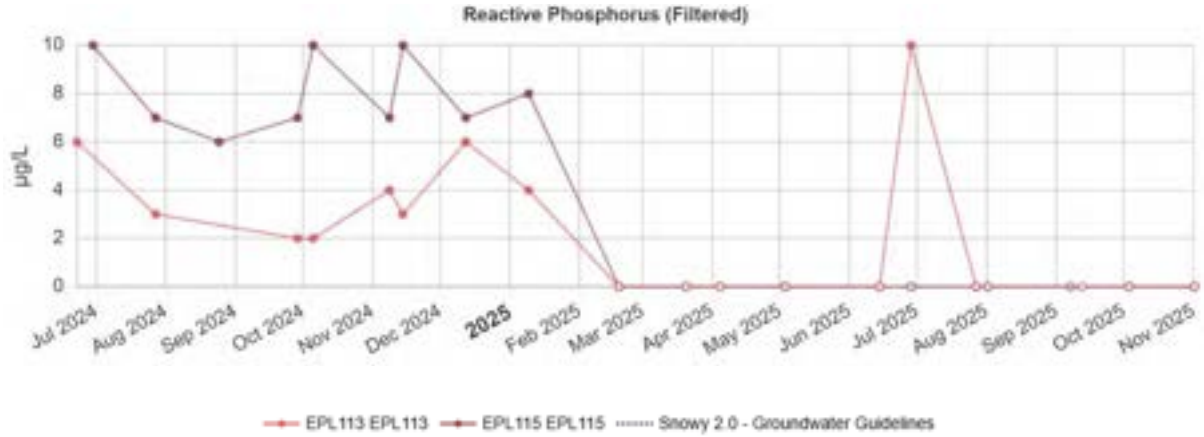
Arsenic (Filtered)
mg/L
0.0008
0.0007
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines

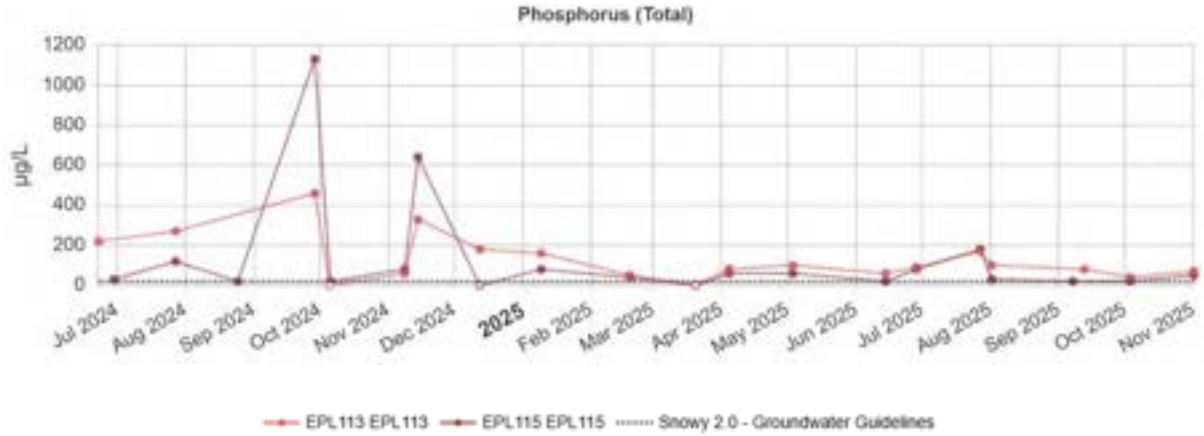

Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL87
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
mg/L
0.16
0.12
0.08
0.04
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

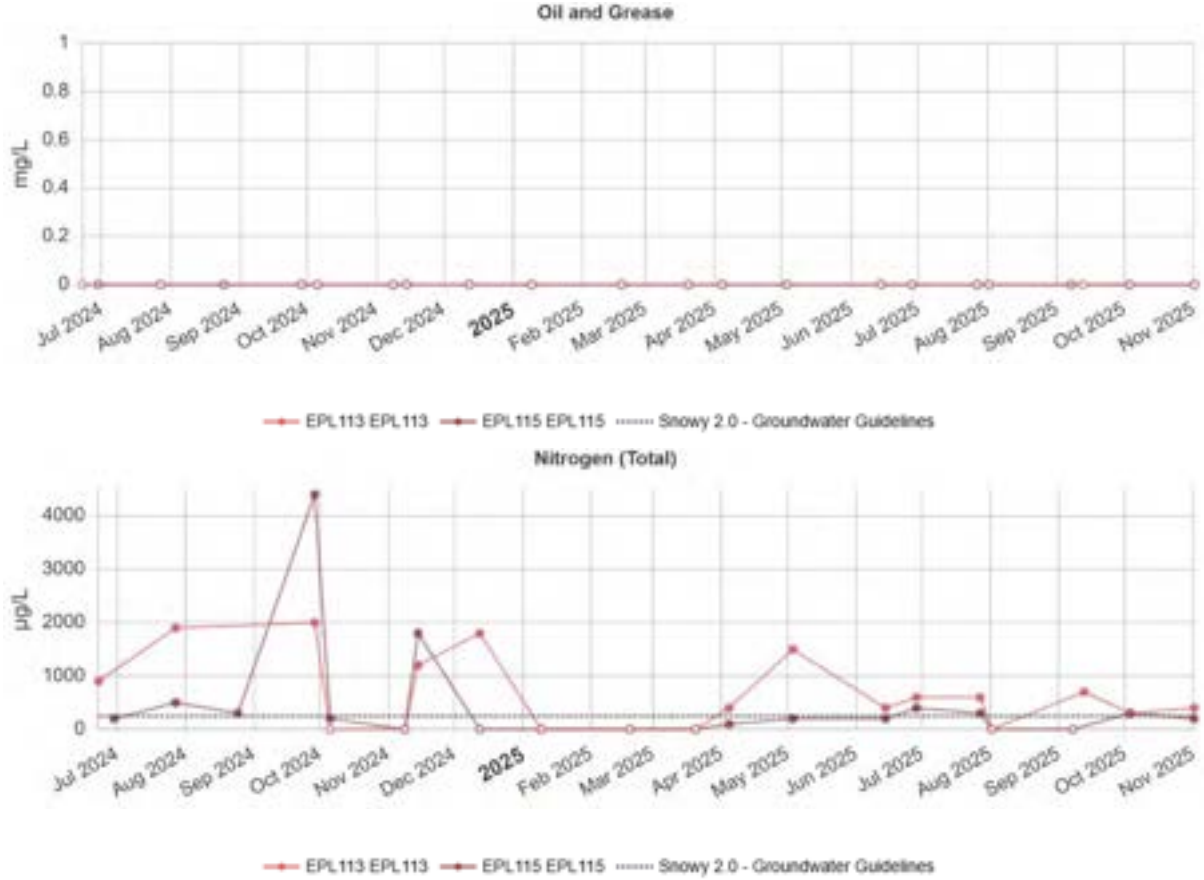
Ravine Bay


EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
µg/L
80
60
40
20
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines
Zinc
µg/L
250
200
150
100
50
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines

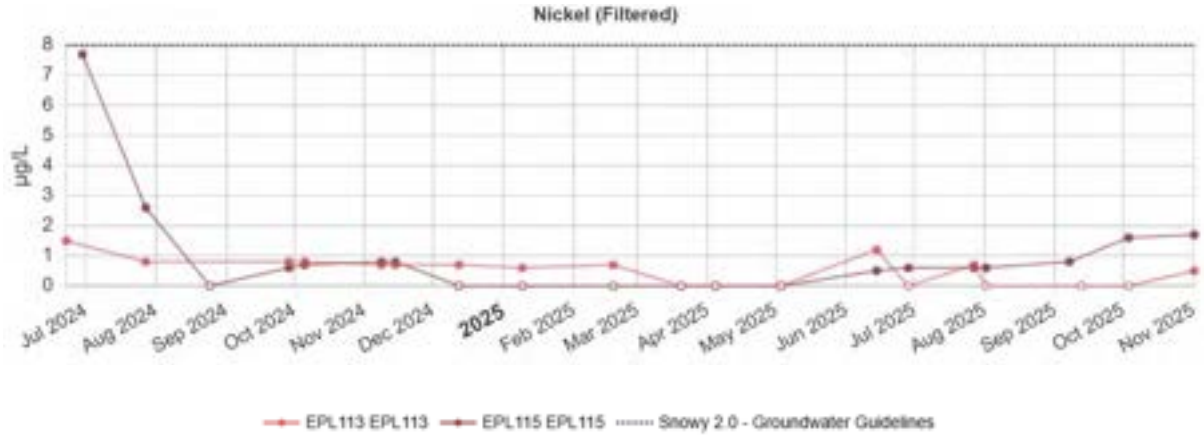

Silver (Filtered)
0.02
0.016
0.012
0.008
0.004
0
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines
Silver
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines

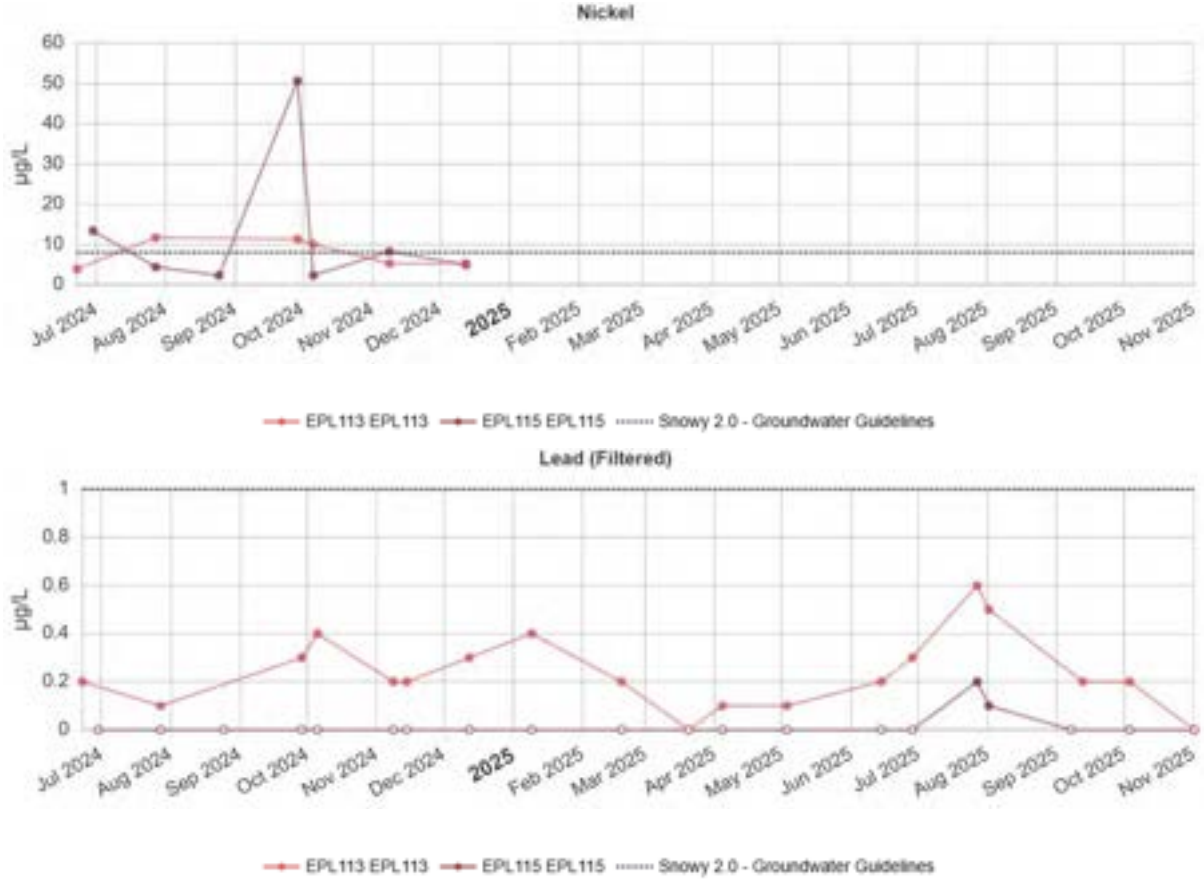

Reactive Phosphorus (Filtered)
µg/L
10
8
6
4
2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines

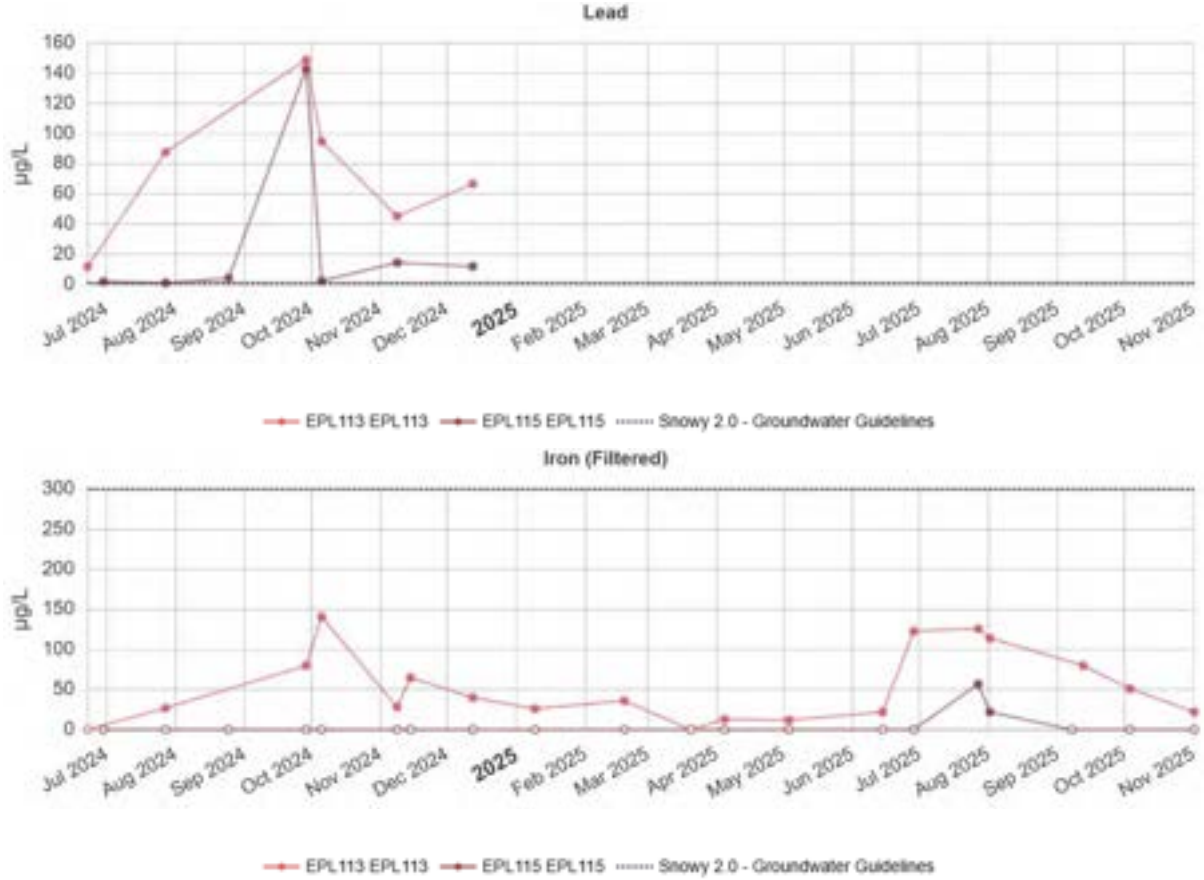

Phosphorus (Total)
µg/L
1200
1000
800
600
400
200
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines

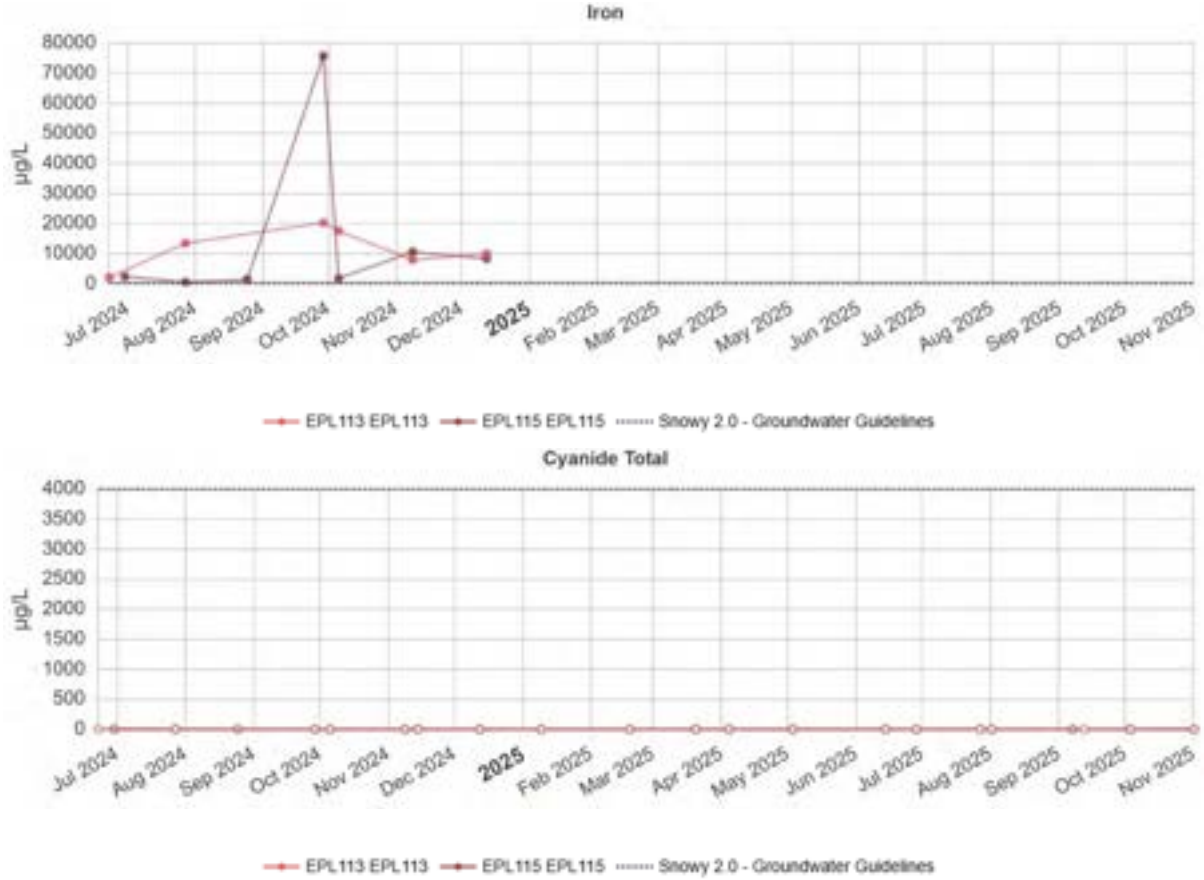

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines
Nitrogen (Total)
µg/L
4000
3000
2000
1000
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines

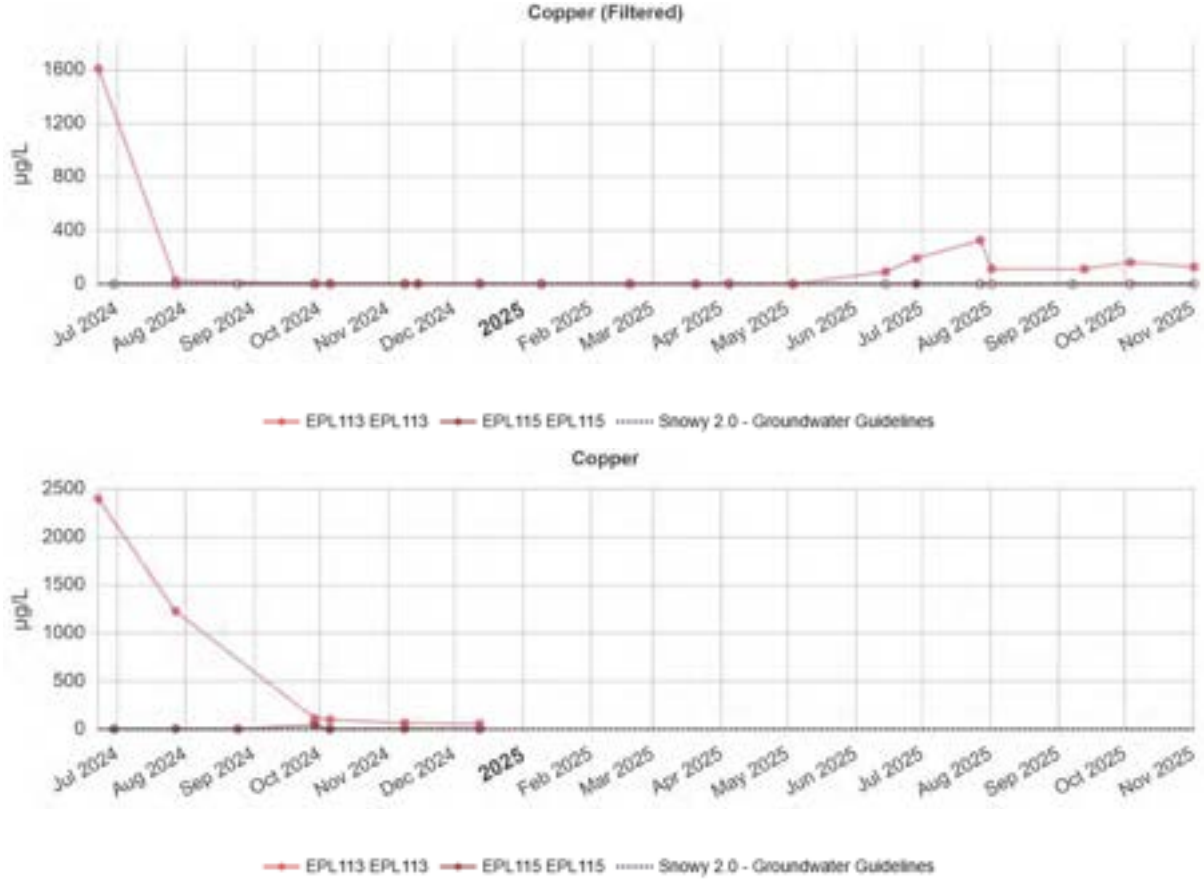
Nitrite + Nitrate as N (NOx)
µg/L
250
200
150
100
50
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines

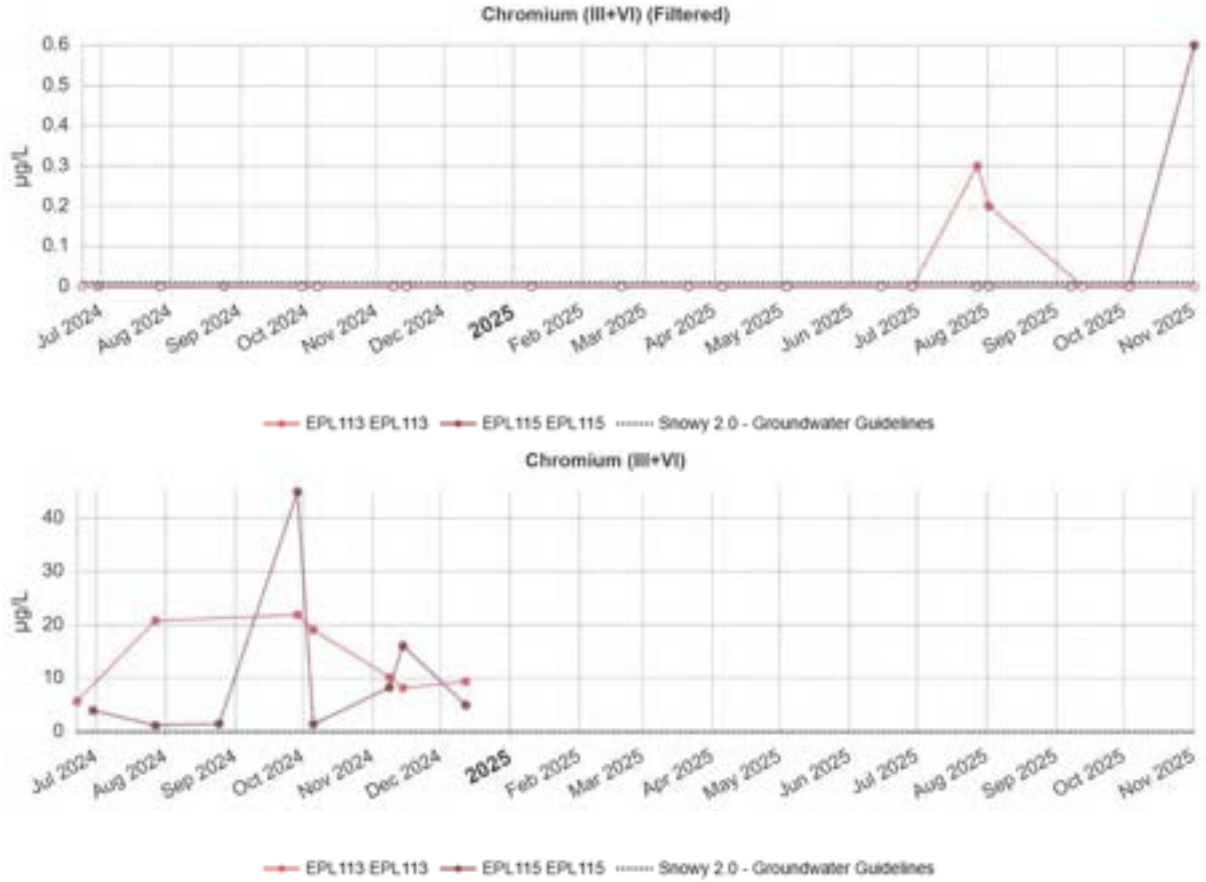

Nickel (Filtered)
µg/L
8
7
6
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines

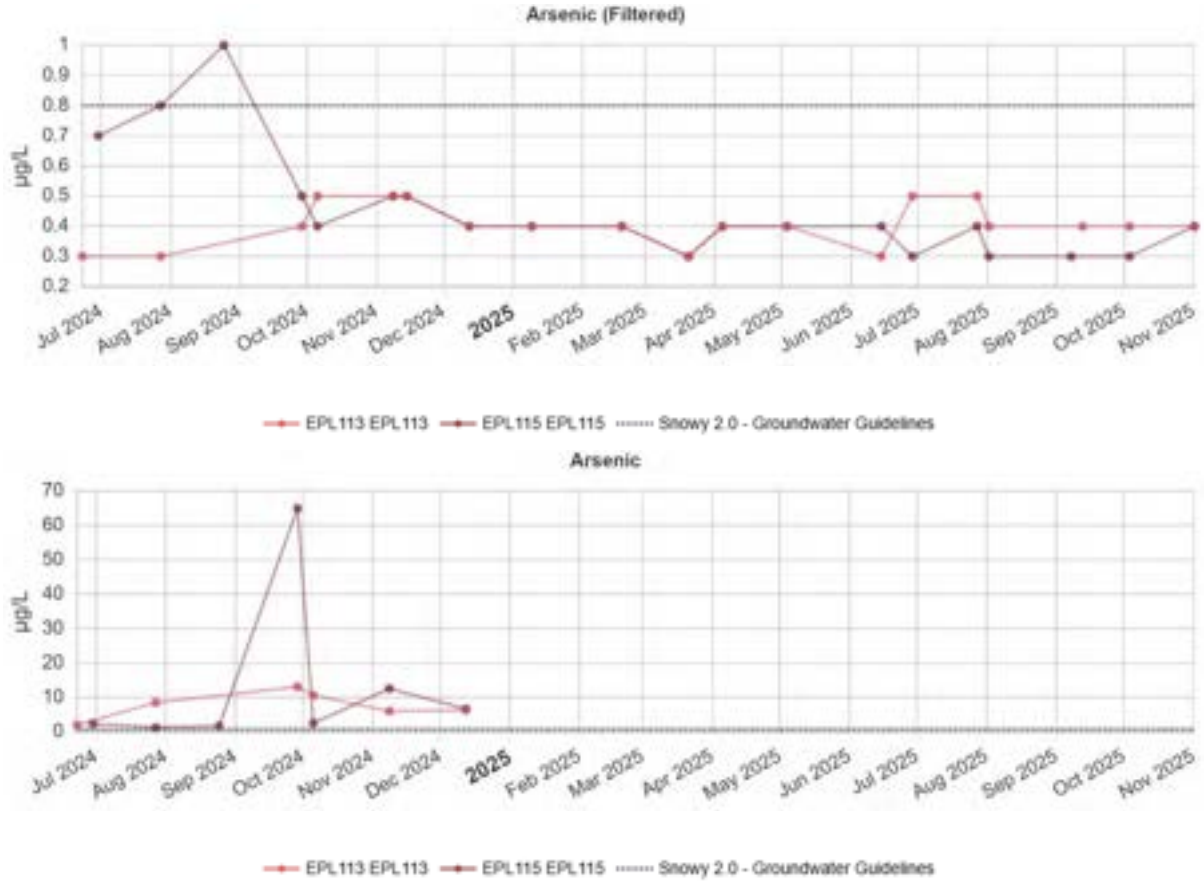

Nickel
µg/L
60
50
40
30
20
10
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines
Lead (Filtered)
µg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines

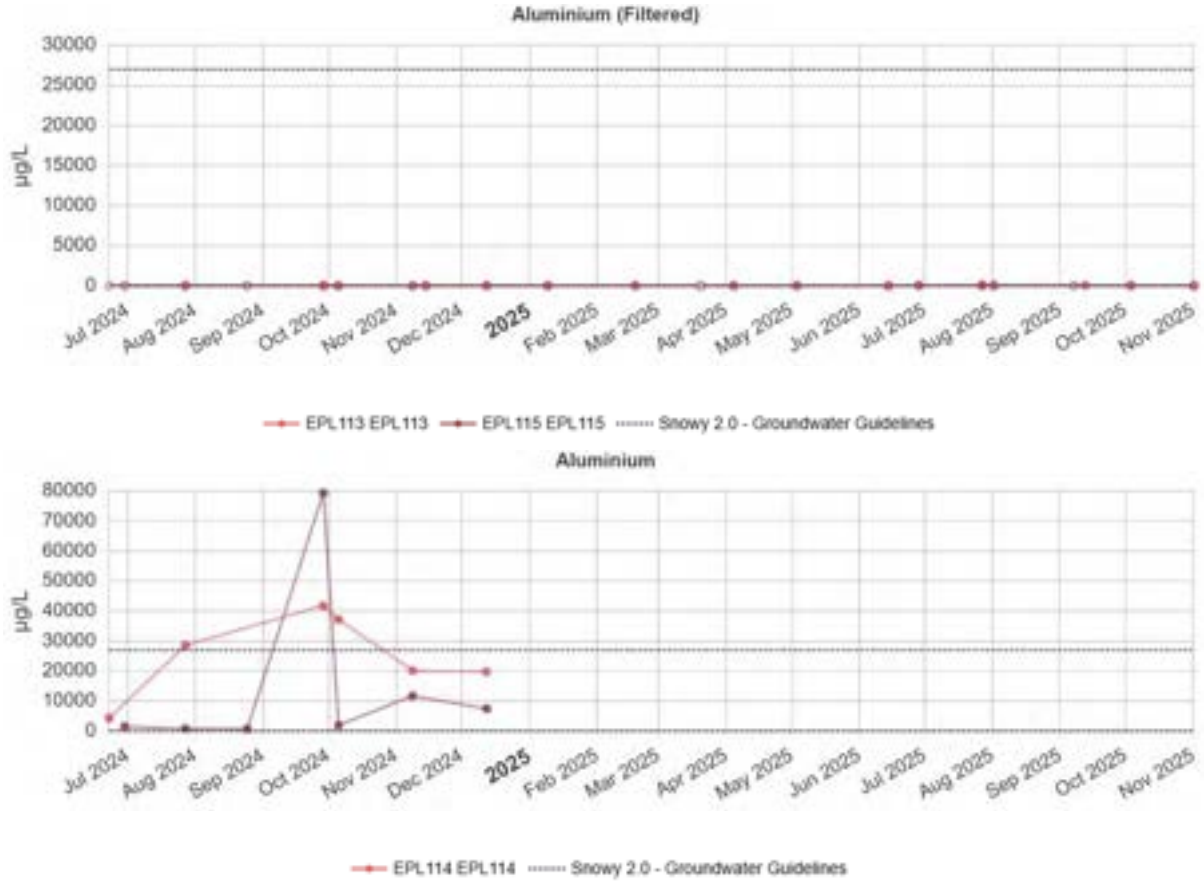

Lead
µg/L
160
140
120
100
80
60
40
20
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines
Iron (Filtered)
µg/L
300
250
200
150
100
50
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines


Iron
µg/L
80000
70000
60000
50000
40000
30000
20000
10000
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
µg/L
4000
3500
3000
2500
2000
1500
1000
500
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines


Copper (Filtered)
µg/L
1600
1200
800
400
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines
Copper
µg/L
2500
2000
1500
1000
500
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines

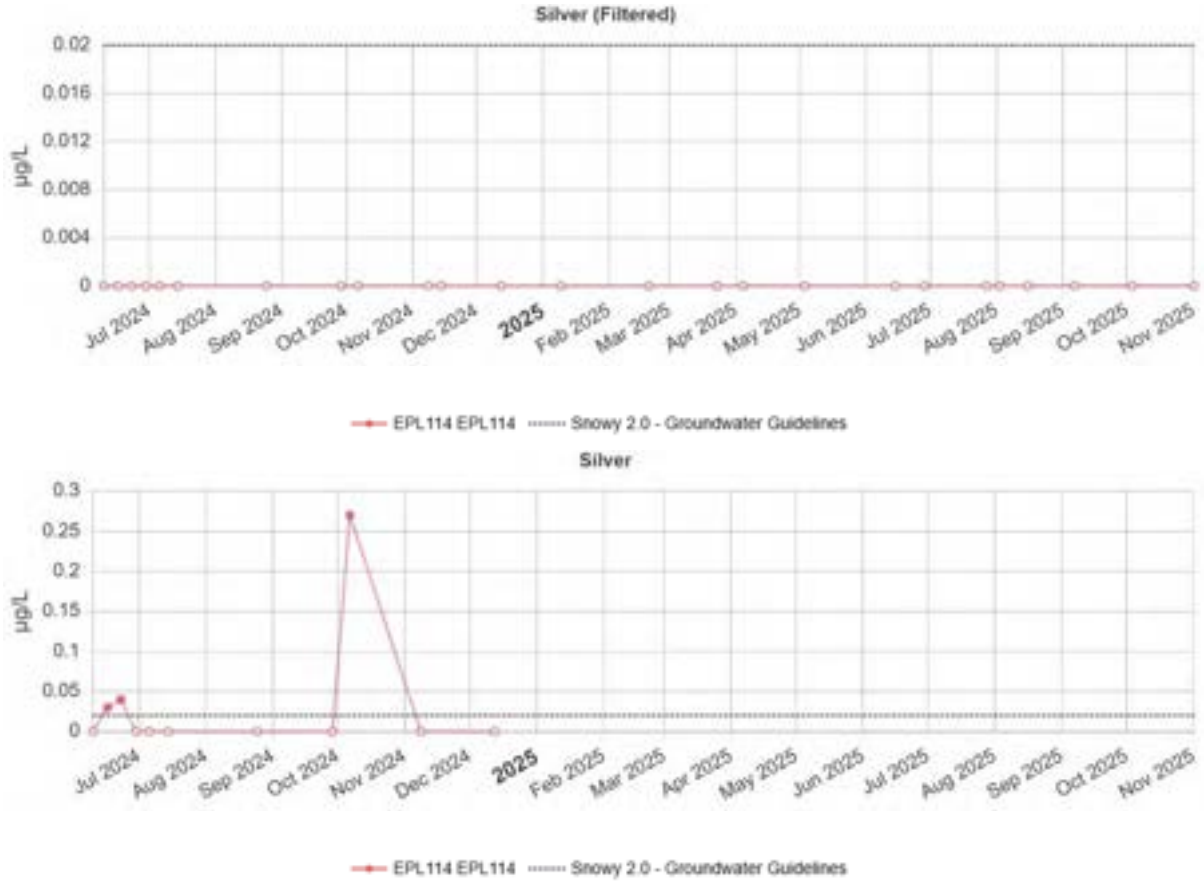

Chromium (III+VI) (Filtered)
µg/L
0.6
0.5
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines
Chromium (III+VI)
µg/L
40
30
20
10
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines

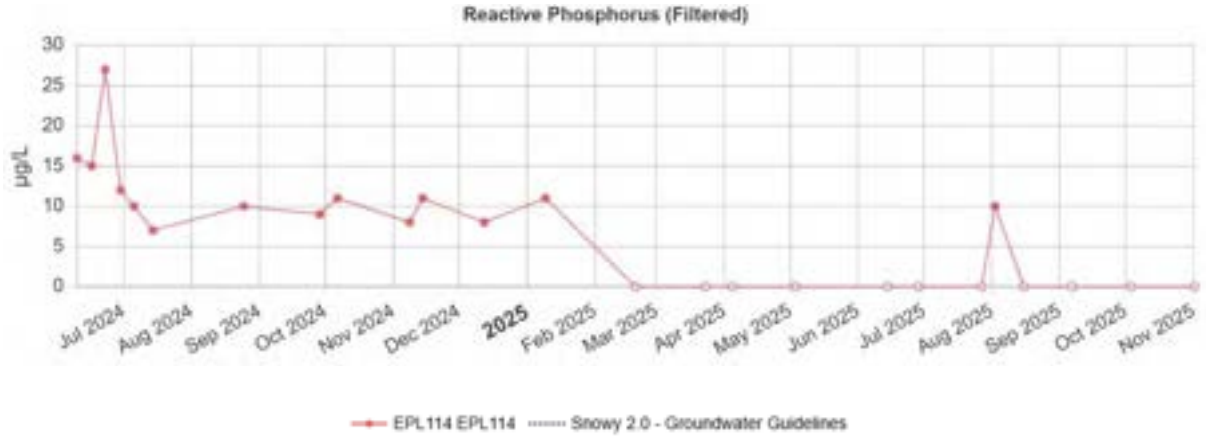

Arsenic (Filtered)
µg/L
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines
Arsenic
µg/L
70
60
50
40
30
20
10
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines

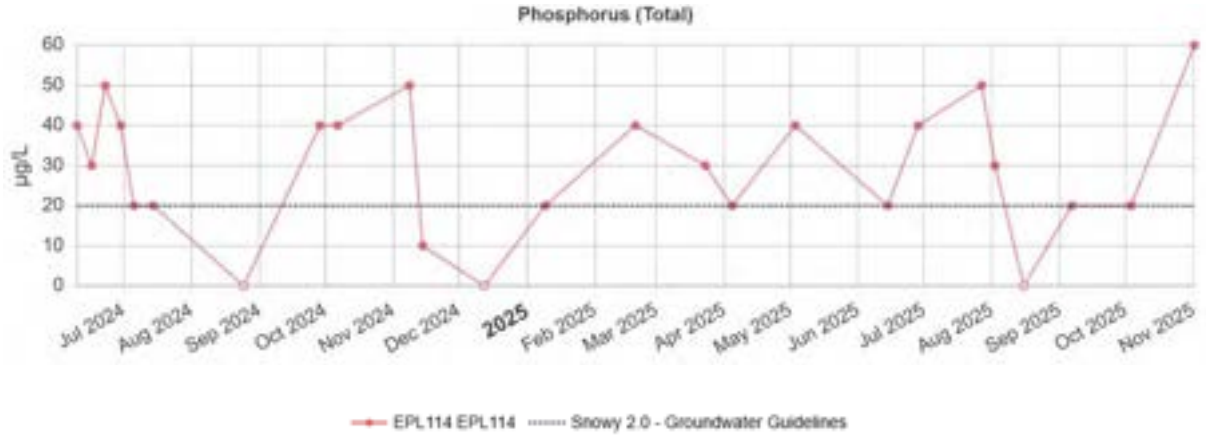

Aluminium (Filtered)
µg/L
30000
25000
20000
15000
10000
5000
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL113 EPL113
EPL115 EPL115
Snowy 2.0 - Groundwater Guidelines
Aluminium
µg/L
80000
70000
60000
50000
40000
30000
20000
10000
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

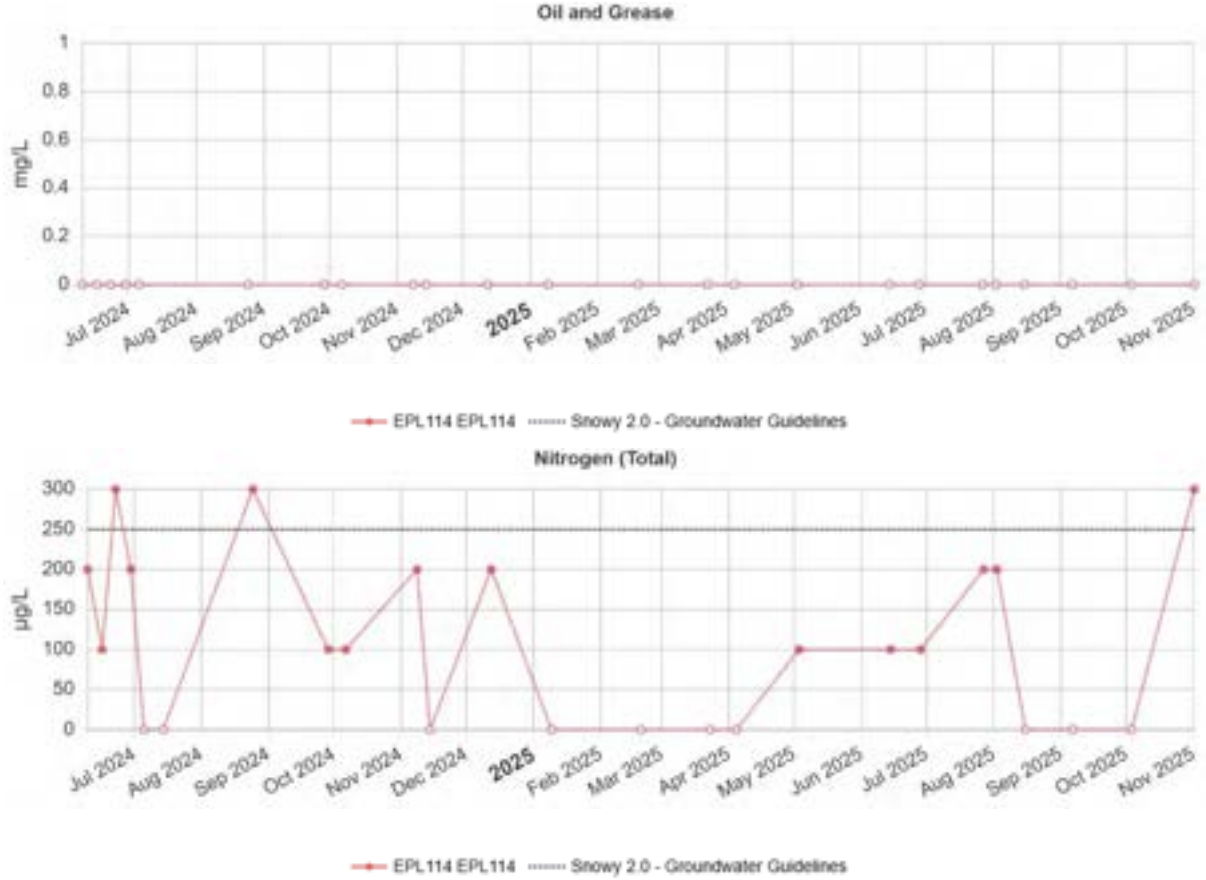
Zinc (Filtered)
µg/L
35
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

Zinc
µg/L
70
60
50
40
30
20
10
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

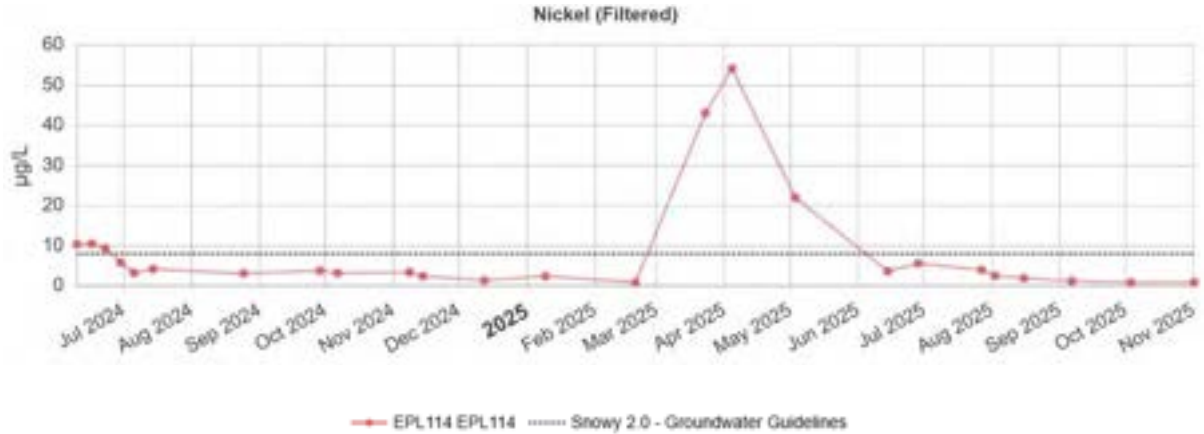

Silver (Filtered)
µg/L
0.02
0.016
0.012
0.008
0.004
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines
Silver
µg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

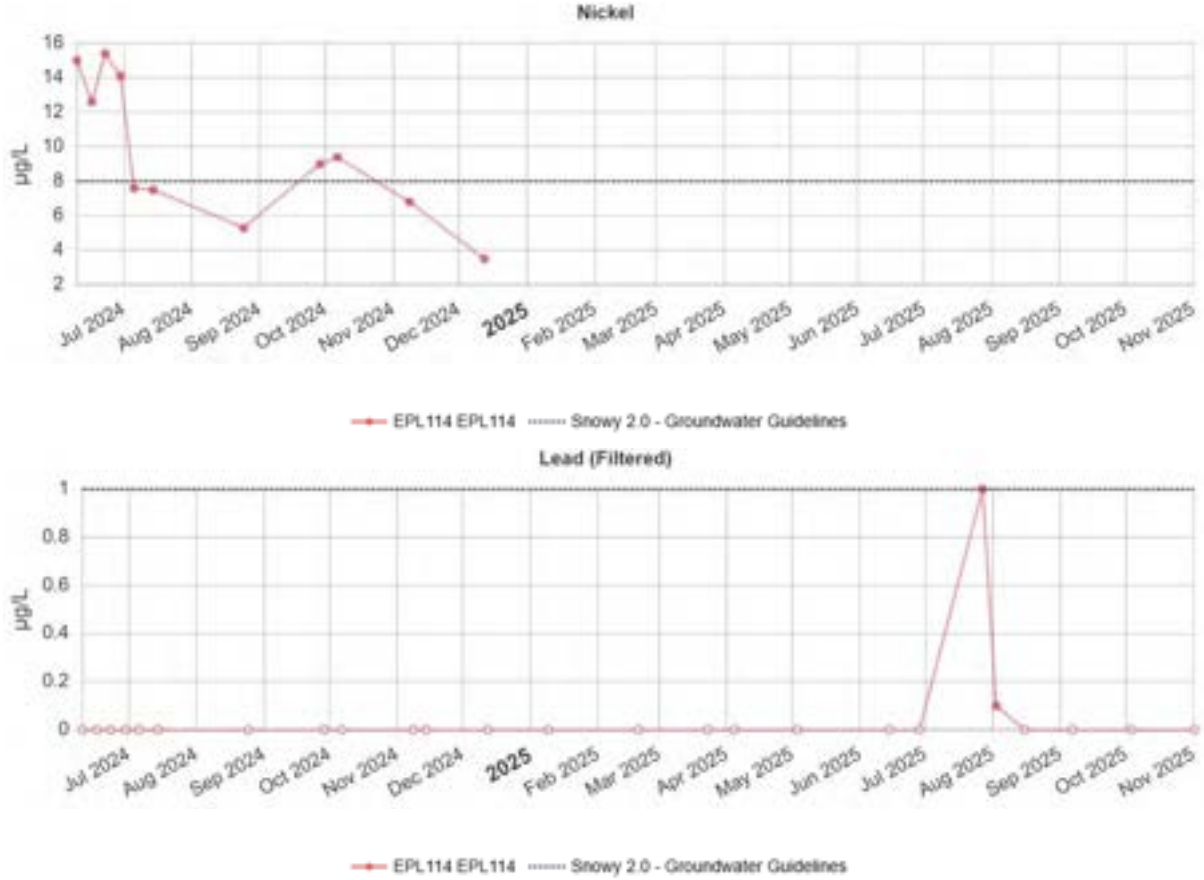

Reactive Phosphorus (Filtered)
µg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

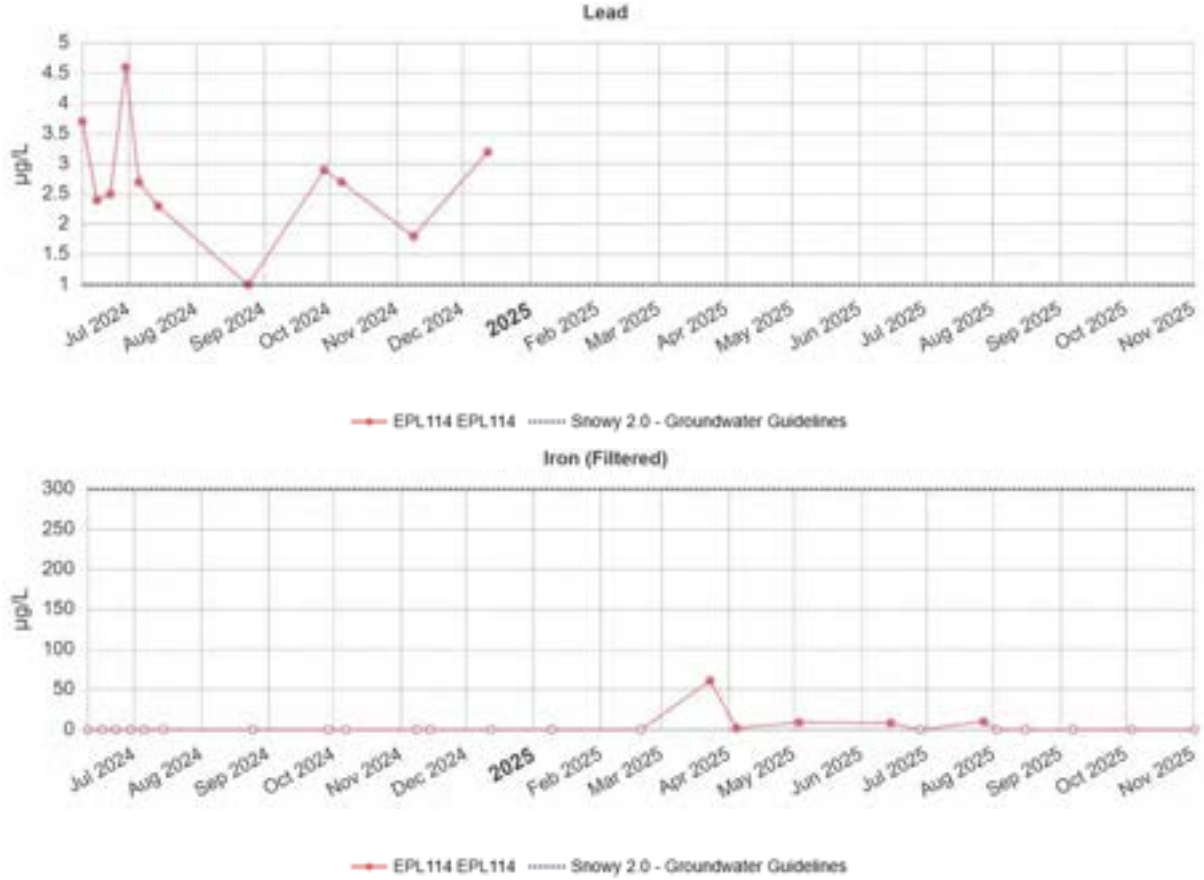

Phosphorus (Total)
µg/L
60
50
40
30
20
10
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

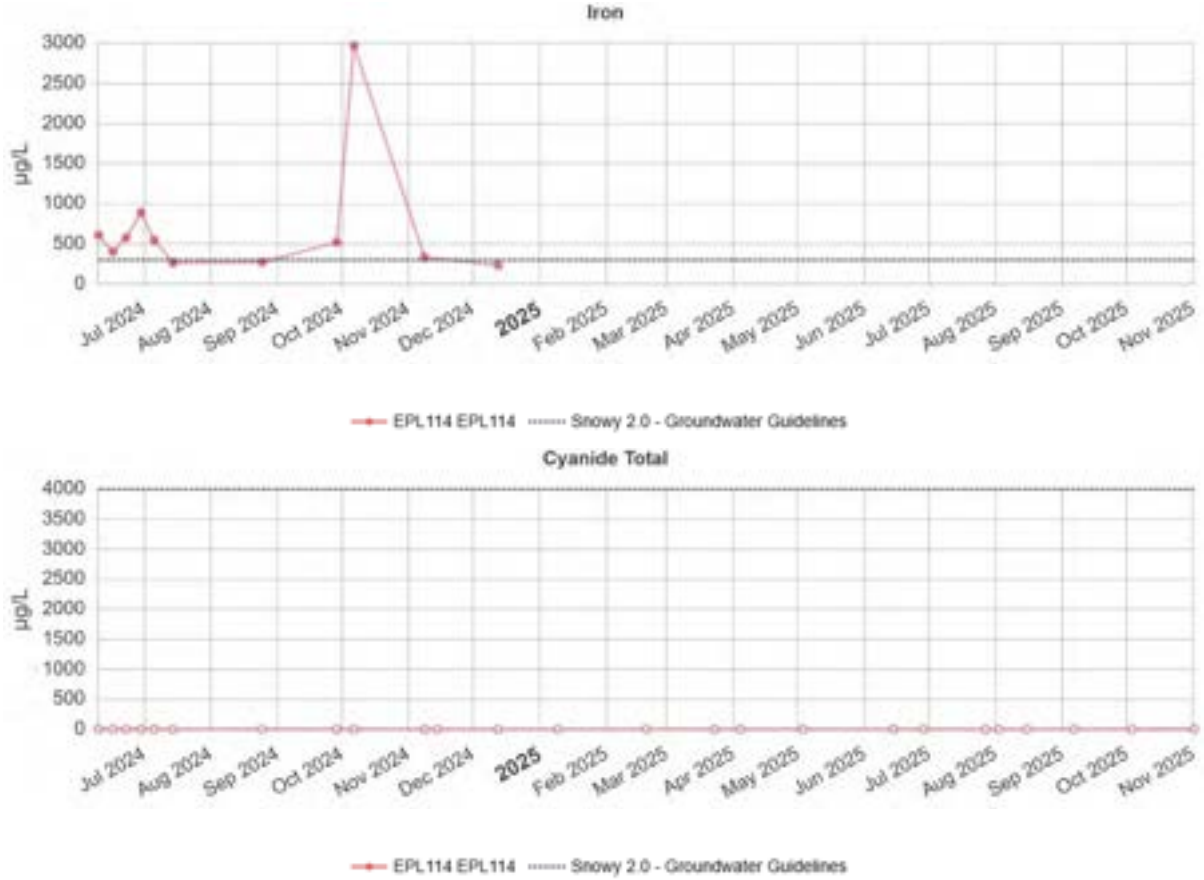

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines
Nitrogen (Total)
µg/L
300
250
200
150
100
50
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

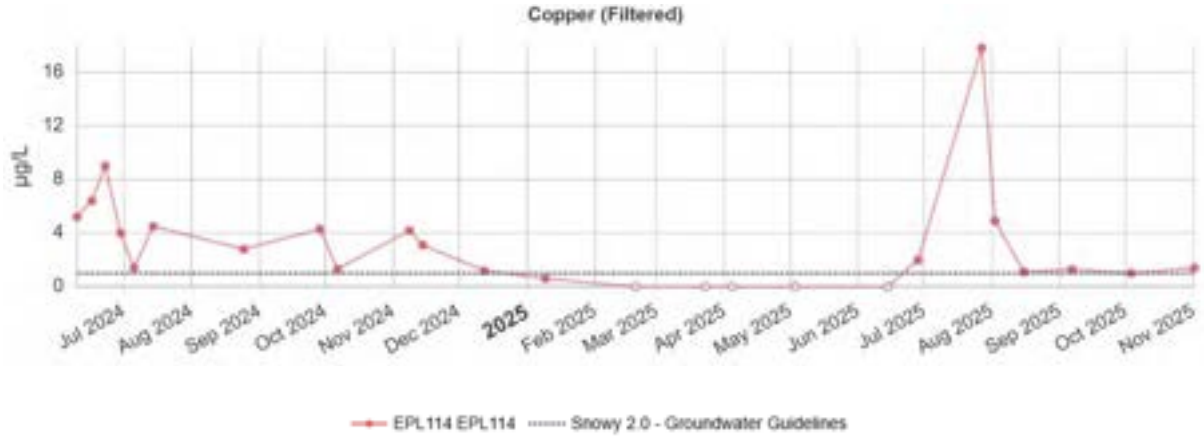
Nitrite + Nitrate as N (NOx)
µg/L
40
35
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

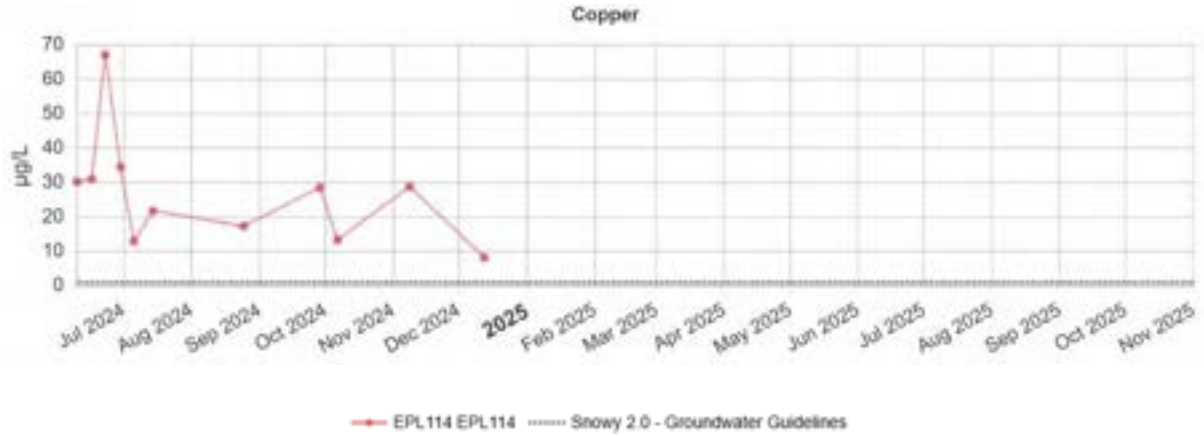

Nickel (Filtered)
µg/L
60
50
40
30
20
10
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

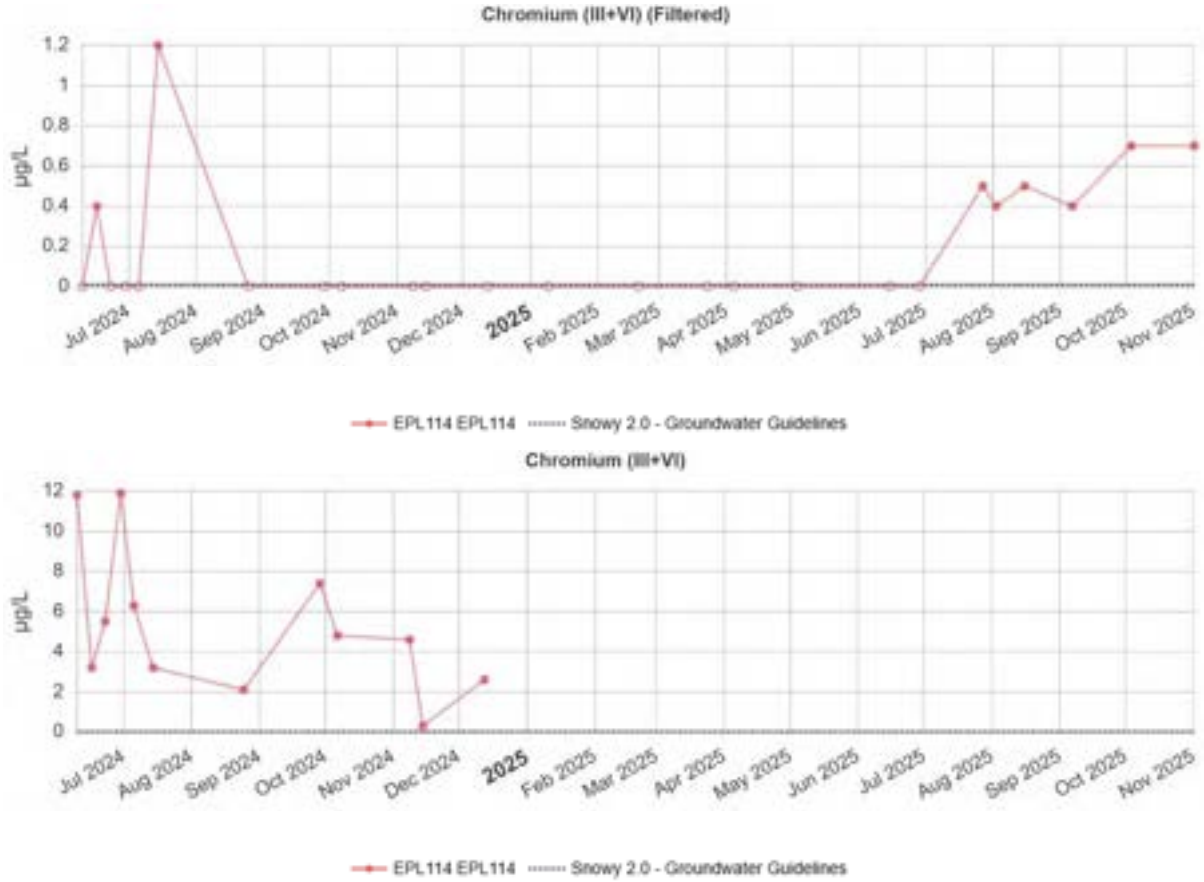

Nickel
µg/L
16
14
12
10
8
6
4
2
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines
Lead (Filtered)
µg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

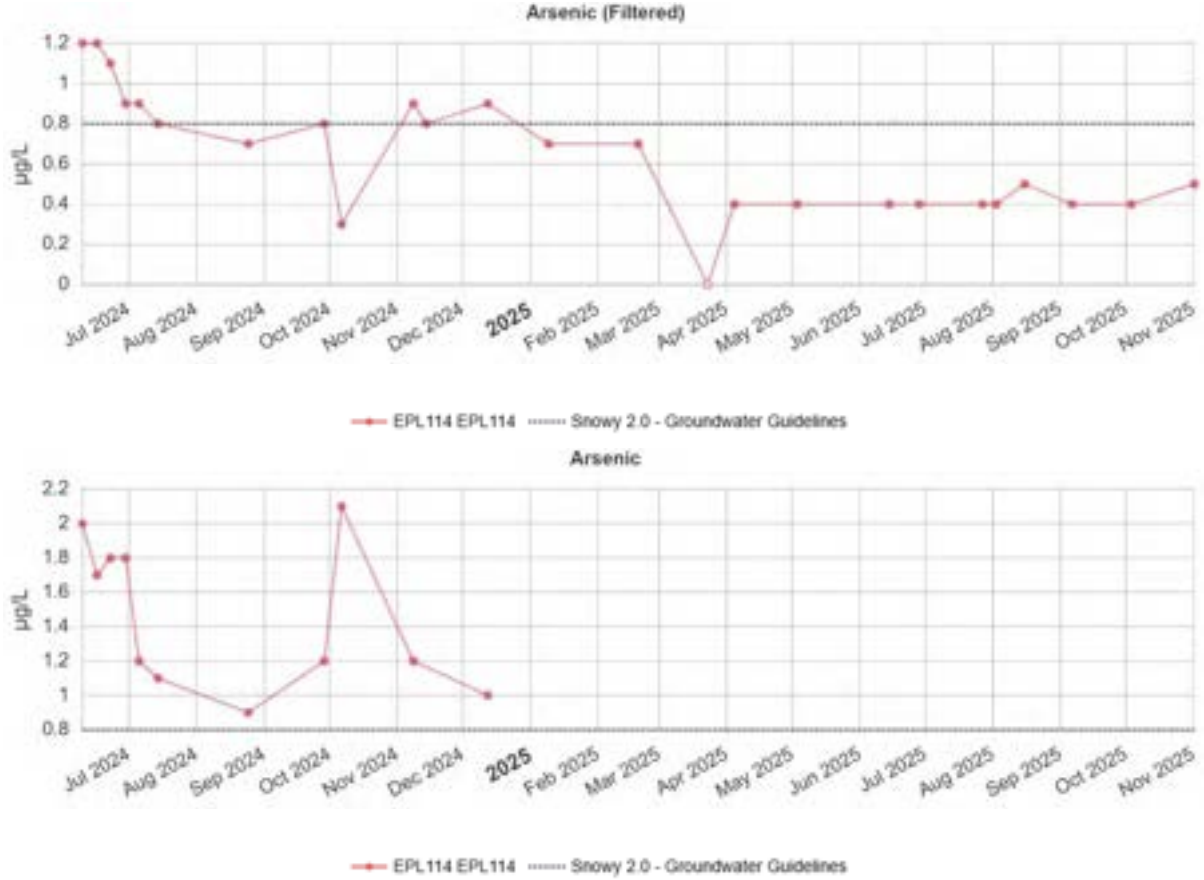

Lead
µg/L
5
4.5
4
3.5
3
2.5
2
1.5
1
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines
Iron (Filtered)
µg/L
300
250
200
150
100
50
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

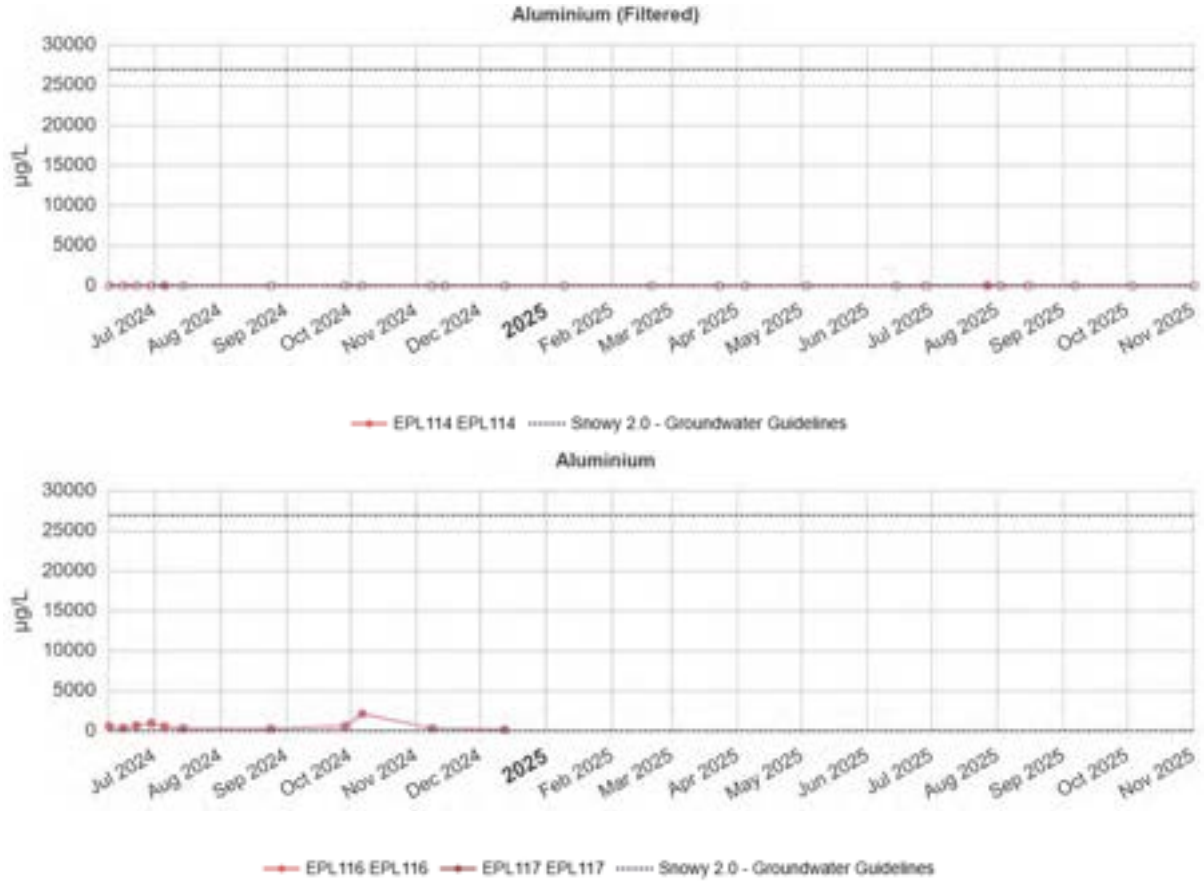

Iron
3000
2500
2000
1500
1000
500
0
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
4000
3500
3000
2500
2000
1500
1000
500
0
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines


Copper (Filtered)
µg/L
16
12
8
4
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

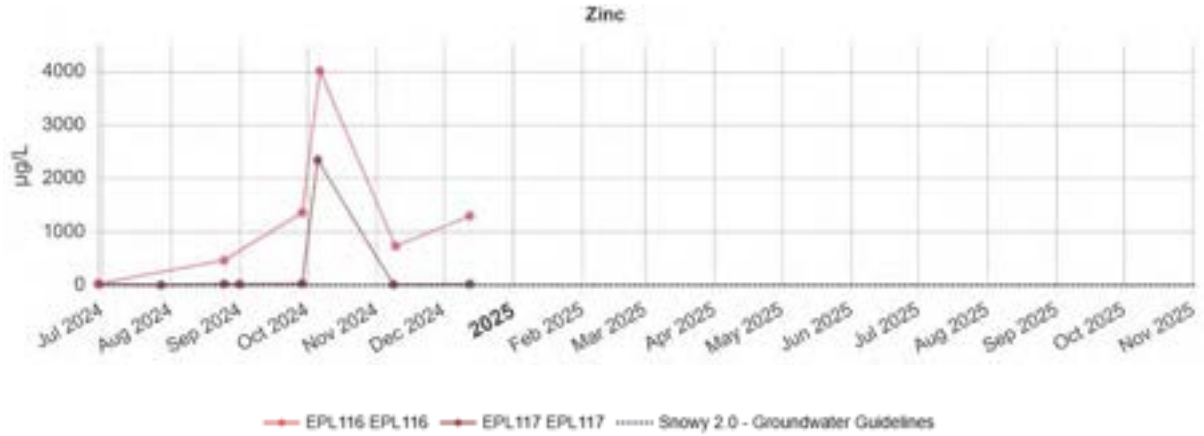

Copper
µg/L
70
60
50
40
30
20
10
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

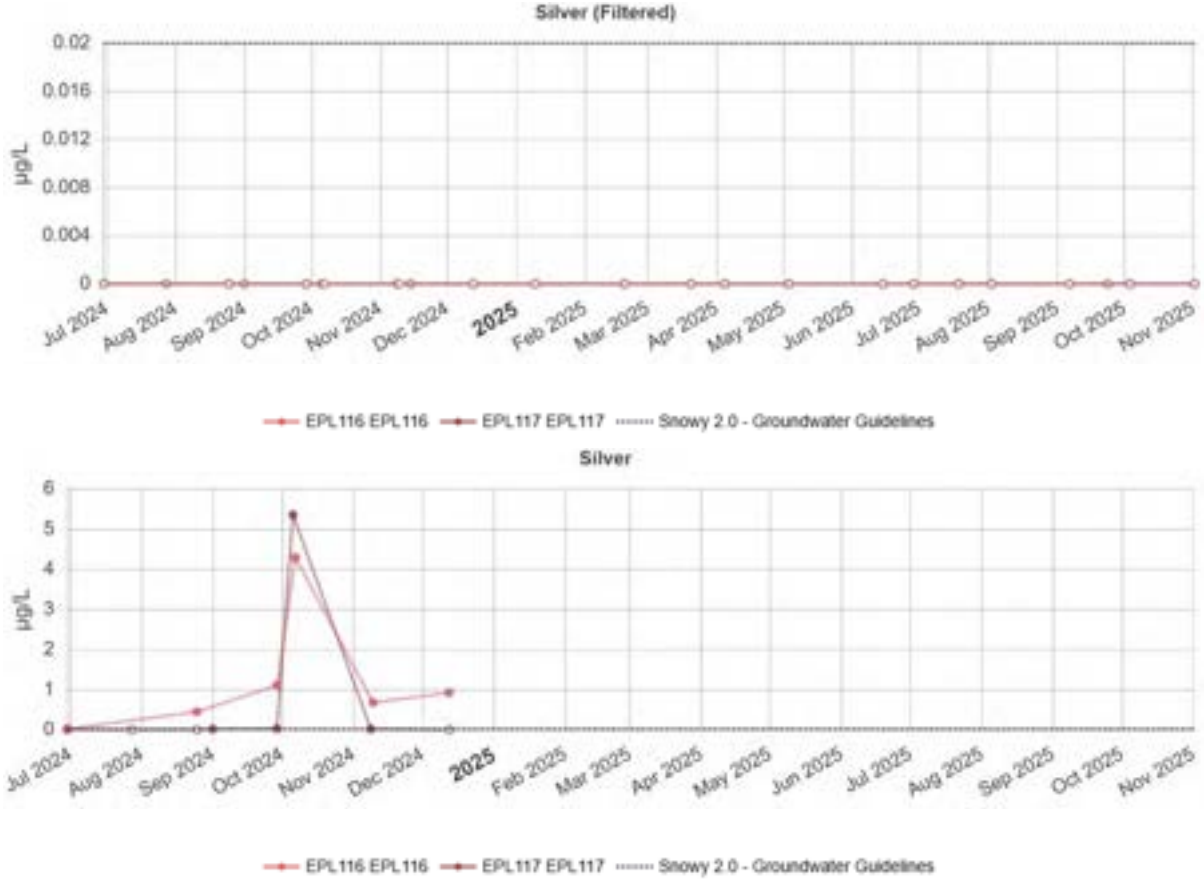

Chromium (III+VI) (Filtered)
µg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines
Chromium (III+VI)
µg/L
12
10
8
6
4
2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

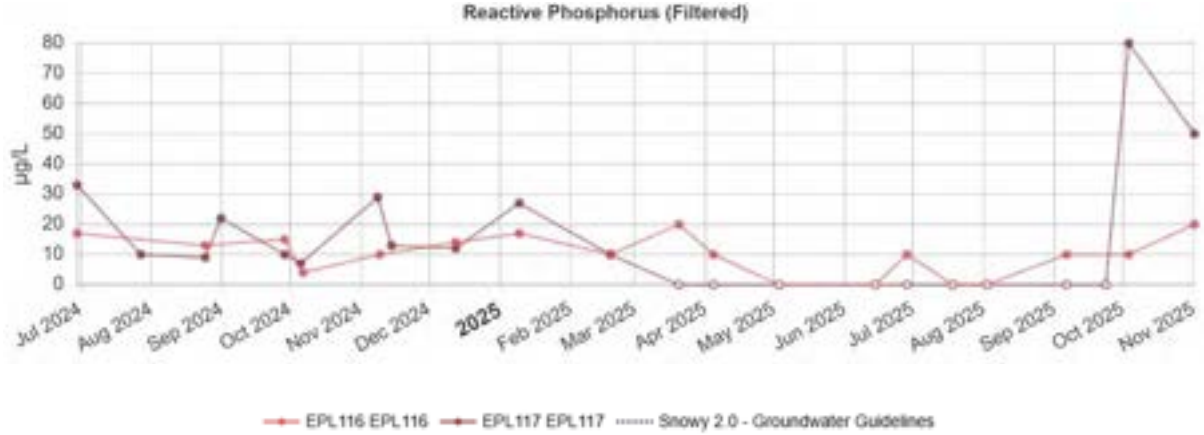

Arsenic (Filtered)
µg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines
Arsenic
µg/L
2.2
2
1.8
1.6
1.4
1.2
1
0.8
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines

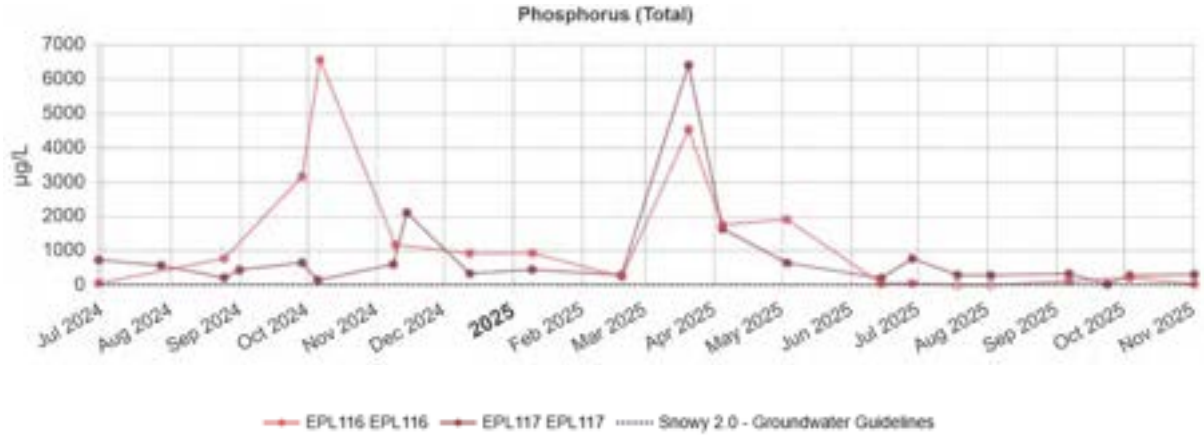

Aluminium (Filtered)
µg/L
30000
25000
20000
15000
10000
5000
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL114 EPL114
Snowy 2.0 - Groundwater Guidelines
Aluminium
µg/L
30000
25000
20000
15000
10000
5000
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines

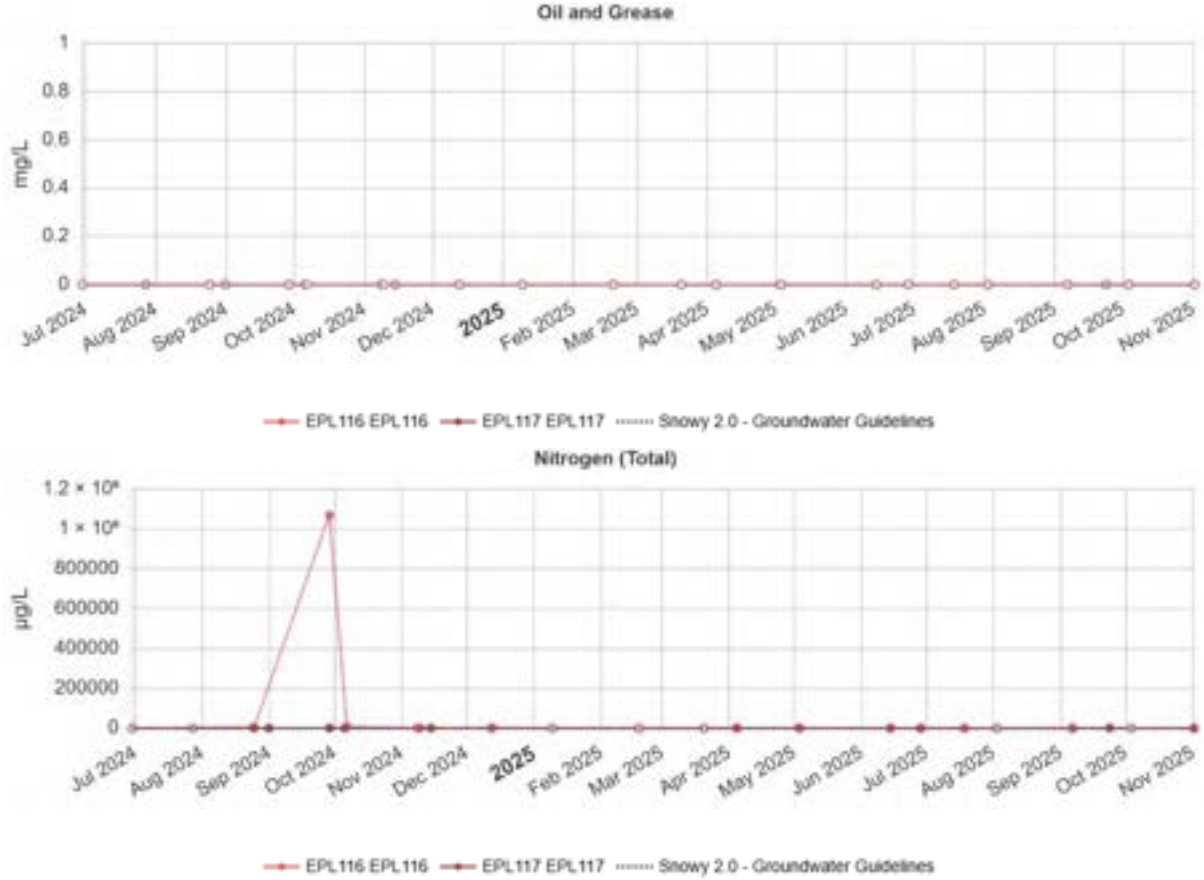
Zinc (Filtered)
µg/L
40
30
20
10
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines

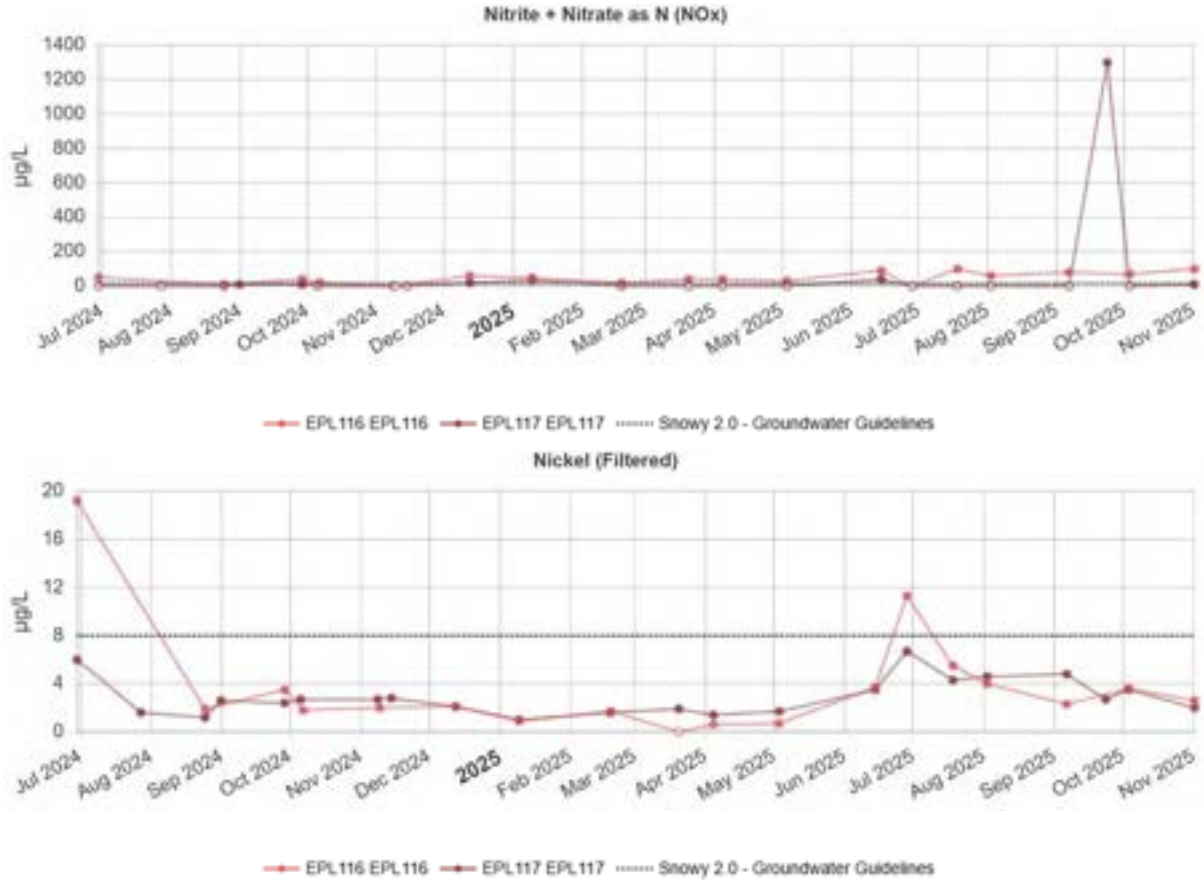

Zinc
µg/L
4000
3000
2000
1000
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines

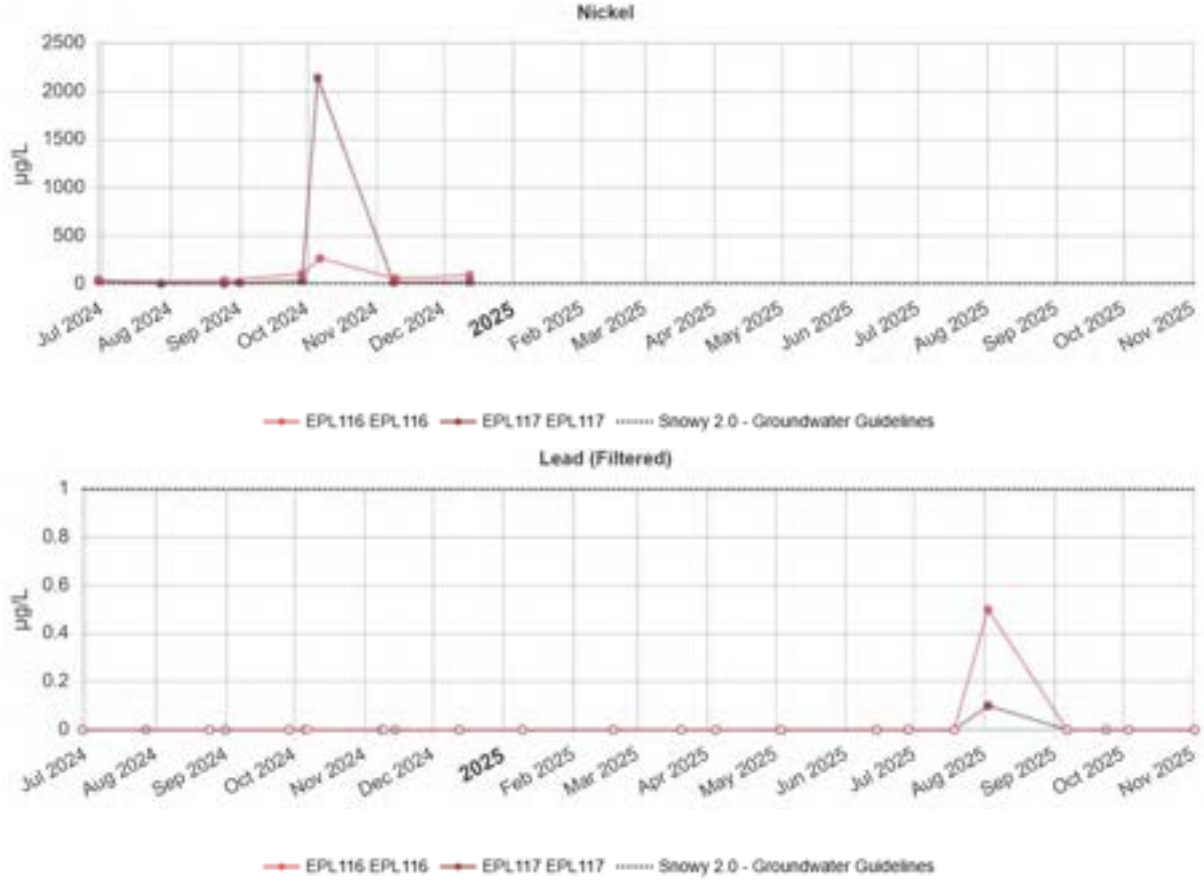

Silver (Filtered)
µg/L
0.02
0.016
0.012
0.008
0.004
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines
Silver
µg/L
6
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines

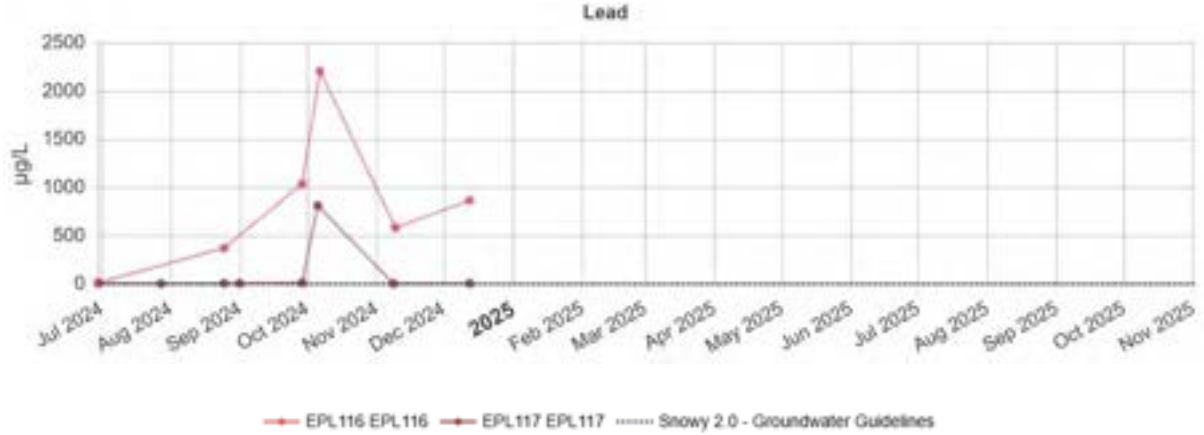

Reactive Phosphorus (Filtered)
µg/L
80
70
60
50
40
30
20
10
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines

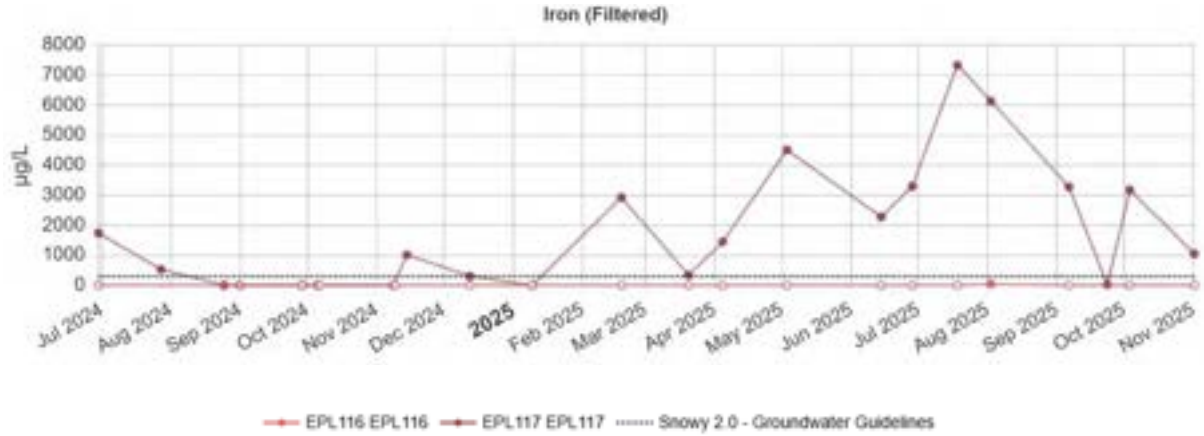

Phosphorus (Total)
µg/L
7000
6000
5000
4000
3000
2000
1000
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines

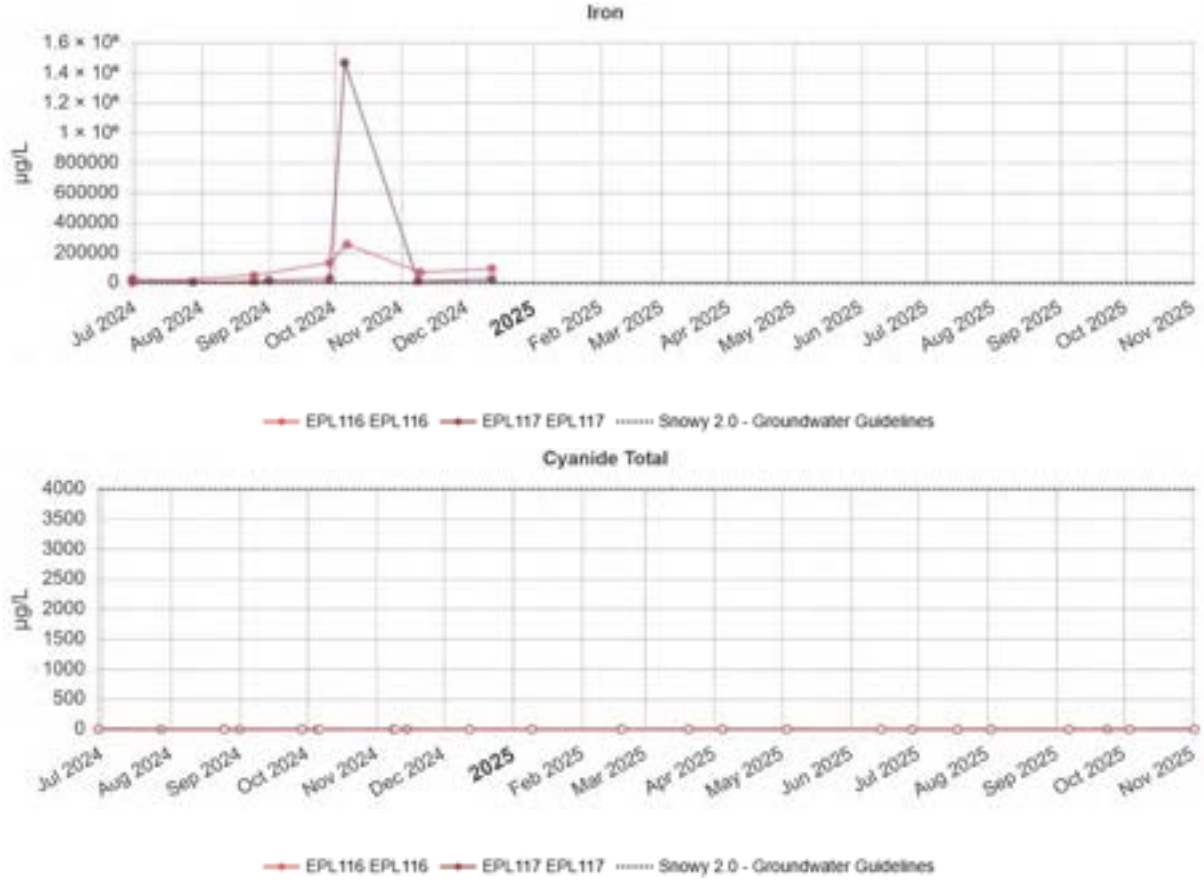

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines
Nitrogen (Total)
µg/L
1.2 × 10⁶
1 × 10⁶
800000
600000
400000
200000
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines

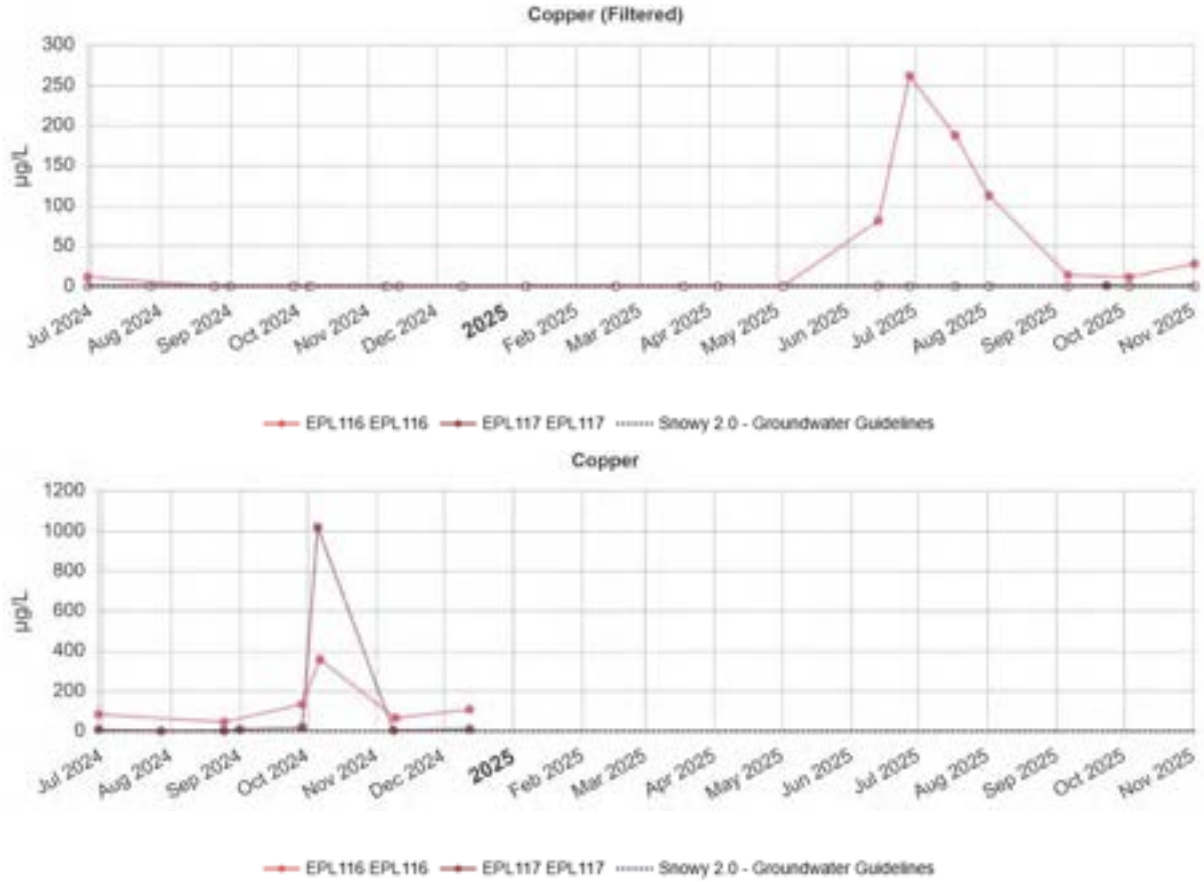

Nitrite + Nitrate as N (NOx)
µg/L
1400
1200
1000
800
600
400
200
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines
Nickel (Filtered)
µg/L
20
16
12
8
4
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines

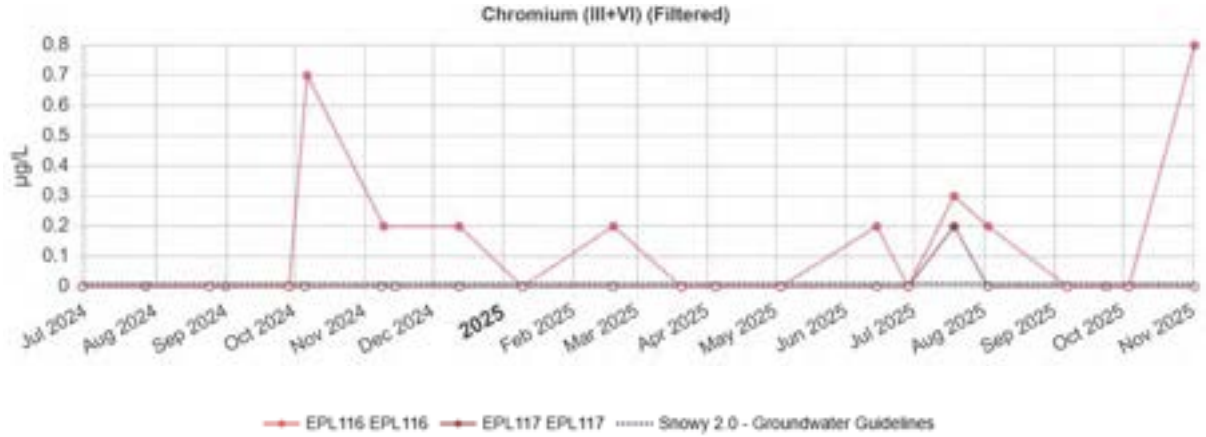

Nickel
2500
2000
1500
1000
500
0
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines
Lead (Filtered)
1
0.8
0.6
0.4
0.2
0
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines

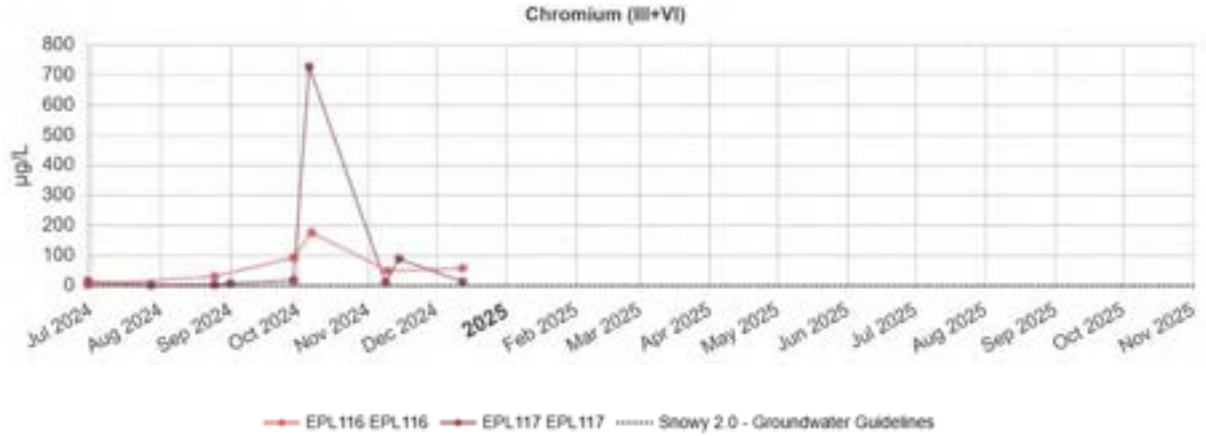

Lead
2500
2000
1500
1000
500
0
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines

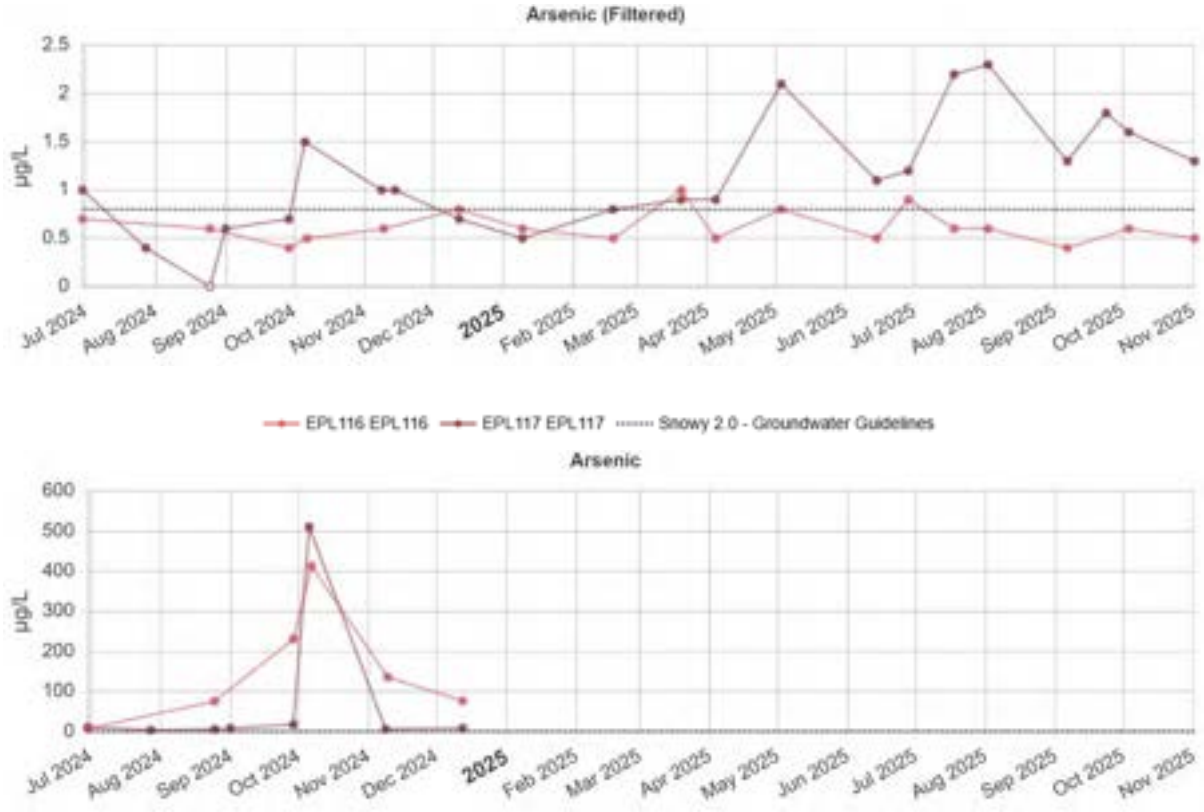

Iron (Filtered)
8000
7000
6000
5000
4000
3000
2000
1000
0
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines

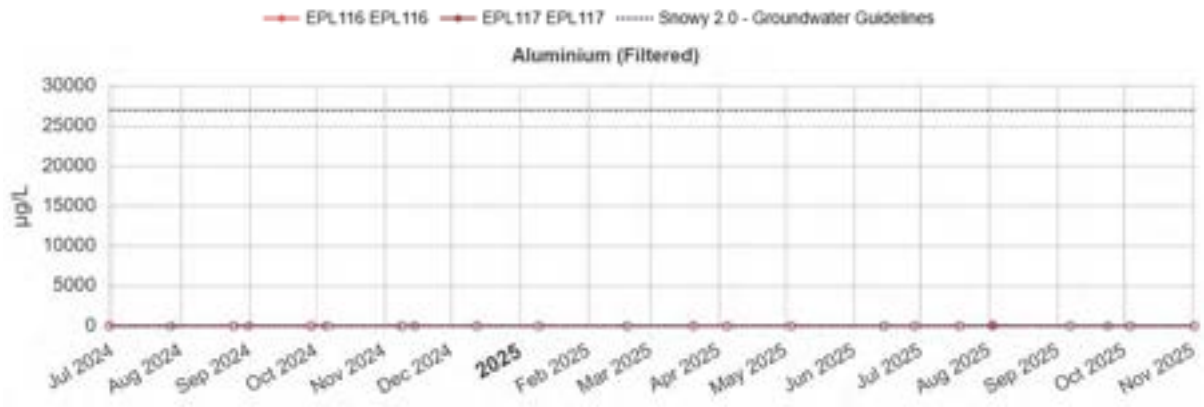

Iron
µg/L
1.6 × 10⁶
1.4 × 10⁶
1.2 × 10⁶
1 × 10⁶
800000
600000
400000
200000
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
µg/L
4000
3500
3000
2500
2000
1500
1000
500
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines

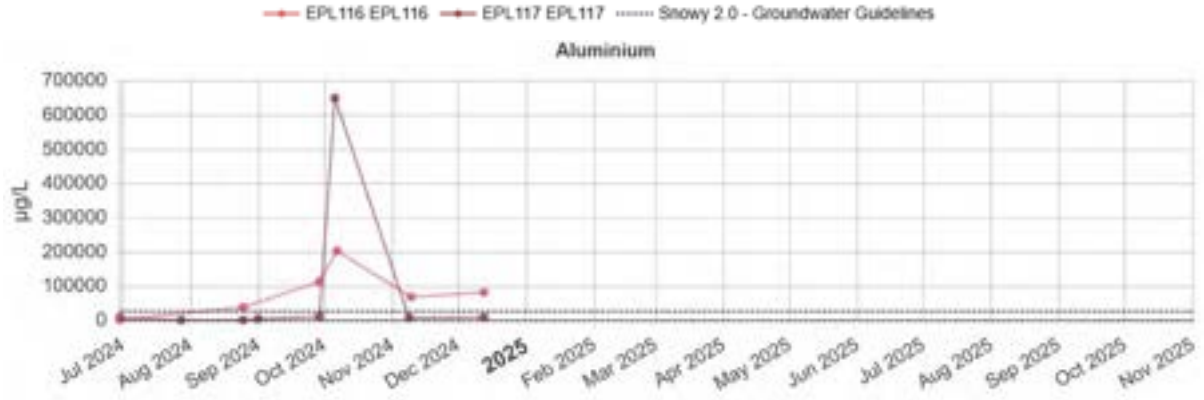

Copper (Filtered)
300
250
200
150
100
50
0
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines
Copper
1200
1000
800
600
400
200
0
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines


Chromium (III+VI) (Filtered)
µg/L
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines


Chromium (III+VI)
µg/L
800
700
600
500
400
300
200
100
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines

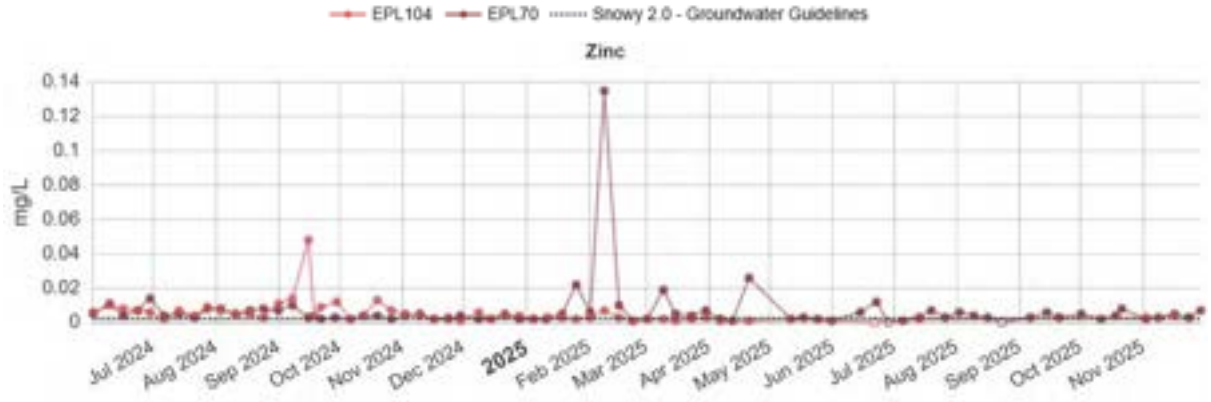

Arsenic (Filtered)
µg/L
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL116 EPL116
EPL117 EPL117
Snowy 2.0 - Groundwater Guidelines
Arsenic
µg/L
600
500
400
300
200
100
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

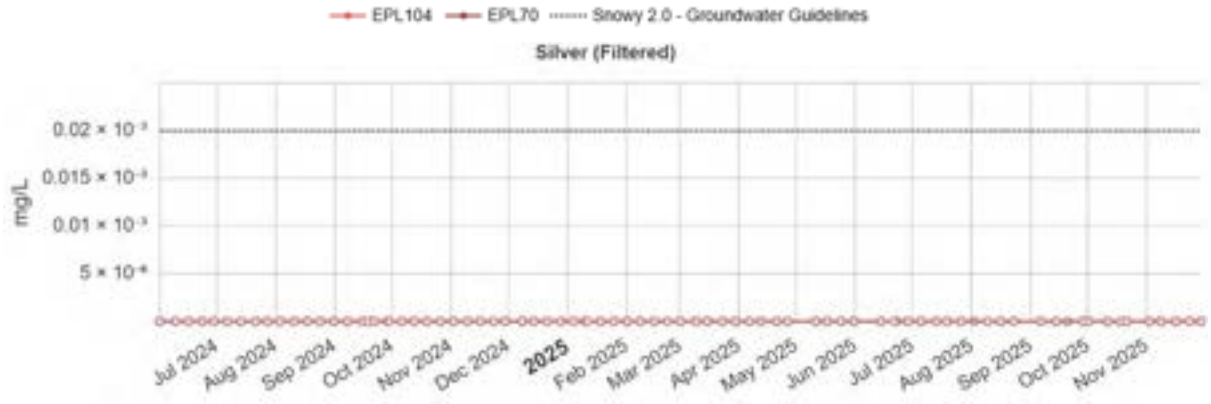


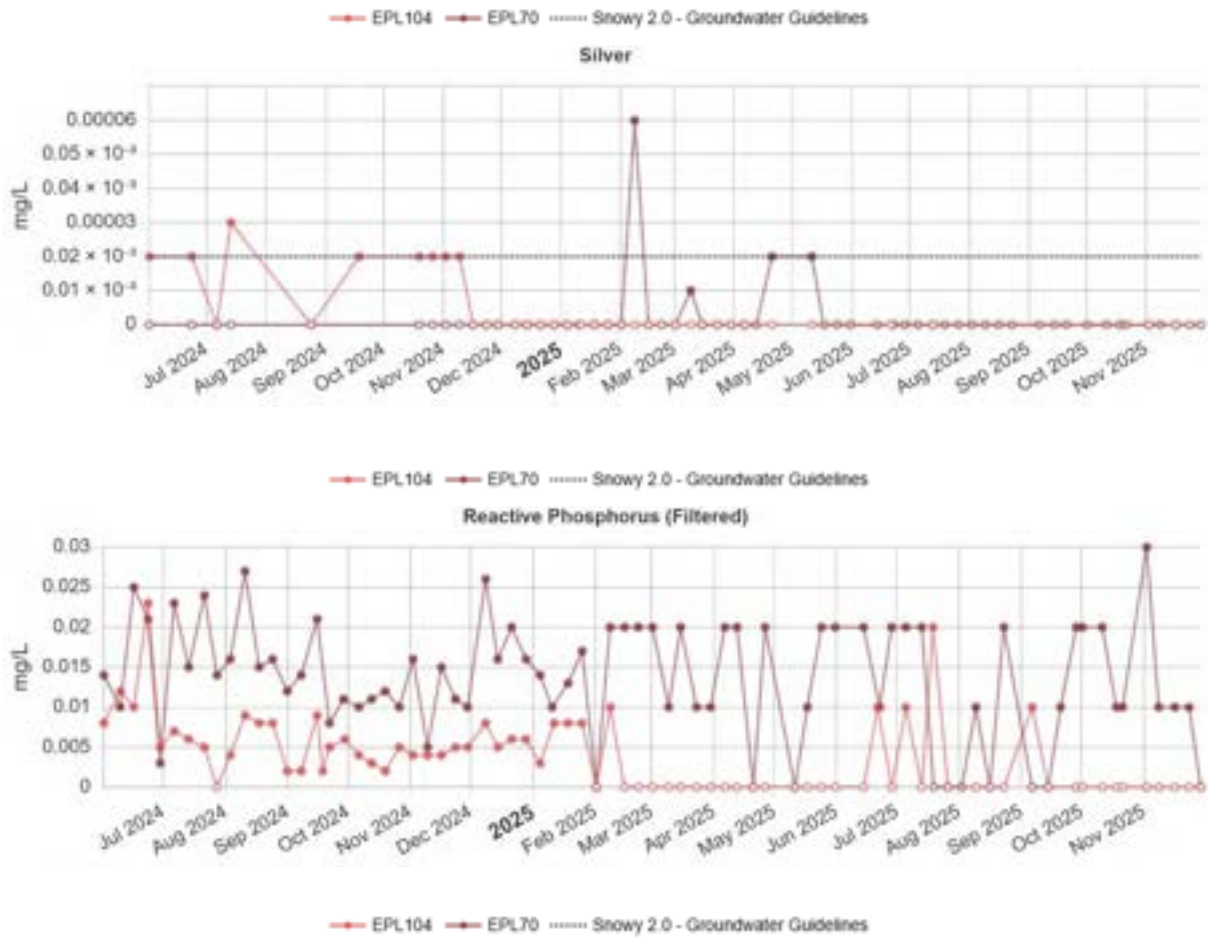


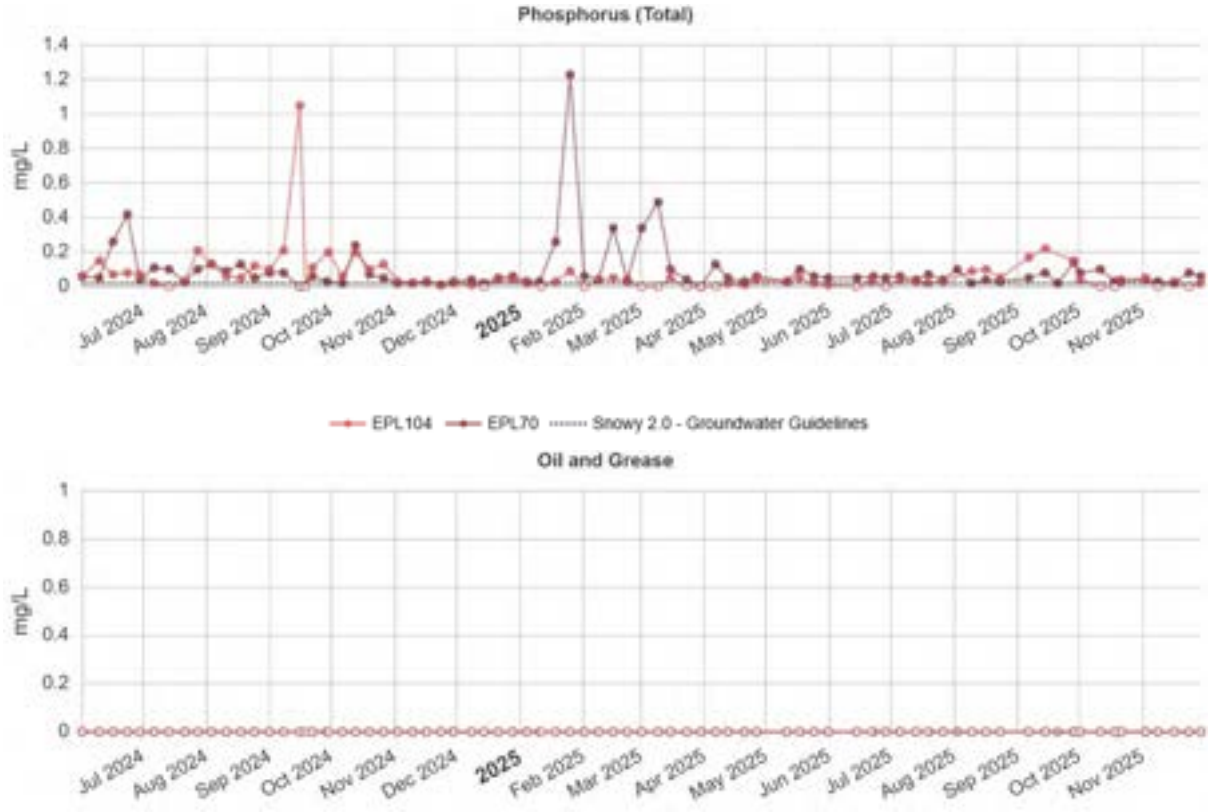
Tantangara

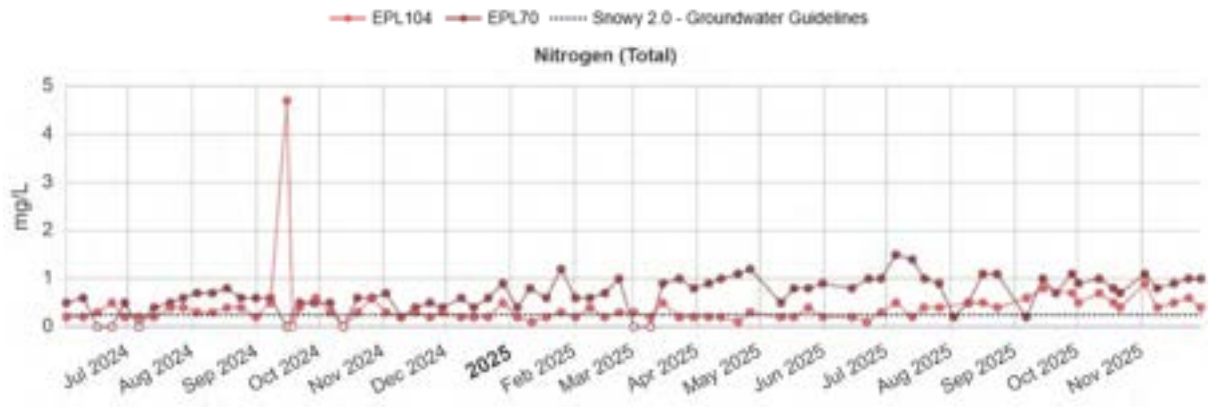
Groundwater


EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines
Zinc
mg/L
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

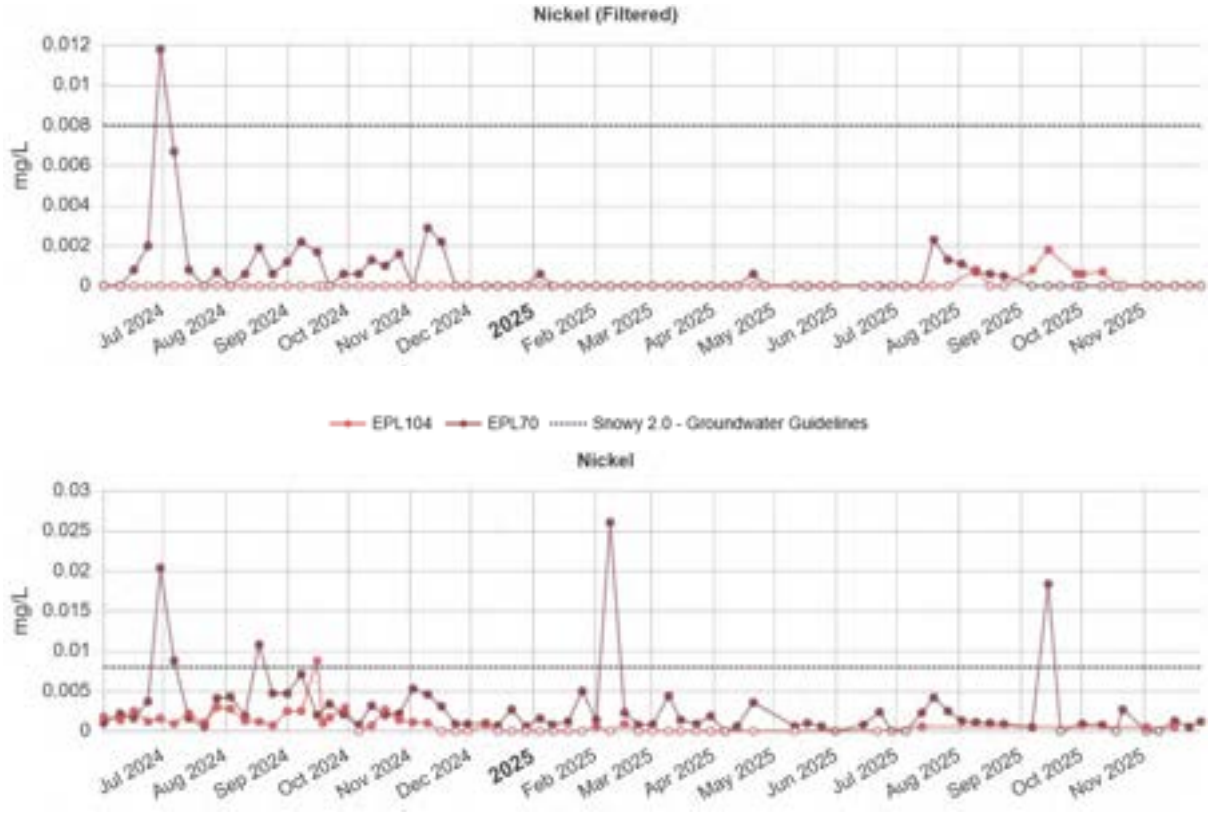

EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines
Silver (Filtered)
mg/L
0.02 × 10⁻³
0.015 × 10⁻³
0.01 × 10⁻³
5 × 10⁻⁴
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines
Silver
mg/L
0.00006
0.05 × 10⁻³
0.04 × 10⁻³
0.00003
0.02 × 10⁻³
0.01 × 10⁻³
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines
Reactive Phosphorus (Filtered)
mg/L
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines


Phosphorus (Total)
mg/L
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines
Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

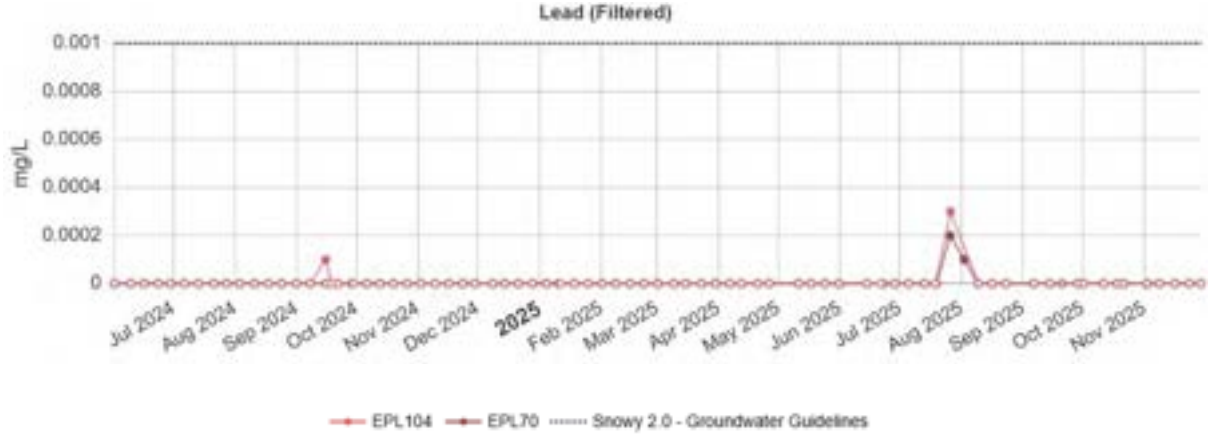


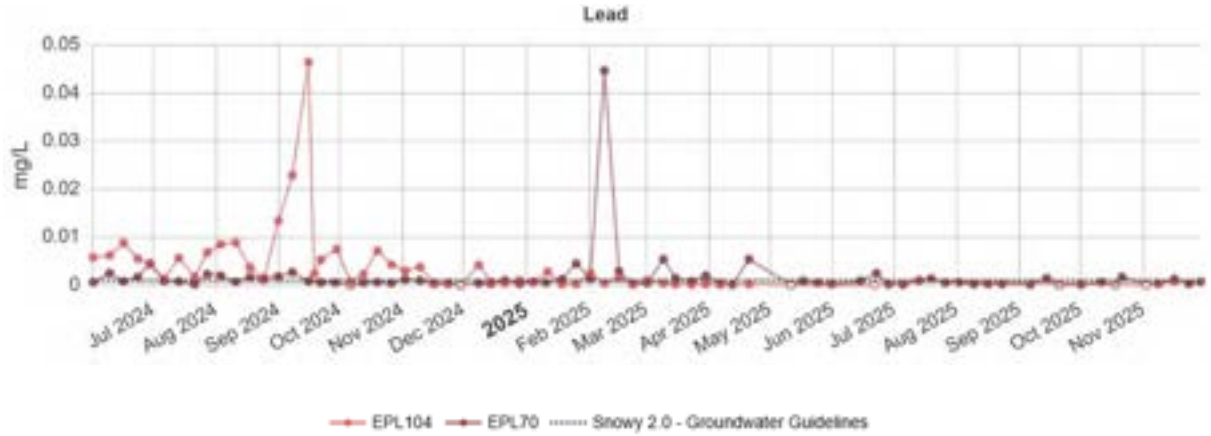
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines

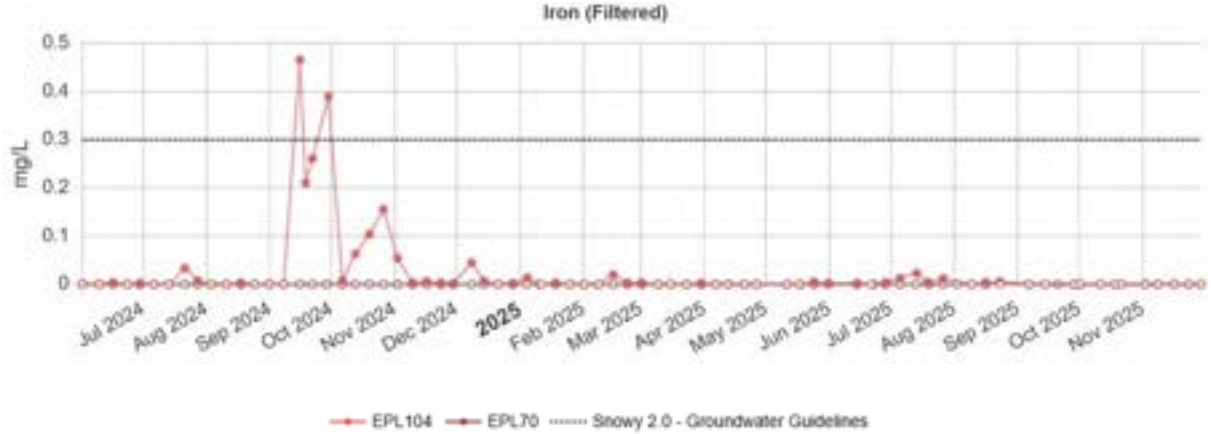

Nickel (Filtered)
mg/L
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines
Nickel
mg/L
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

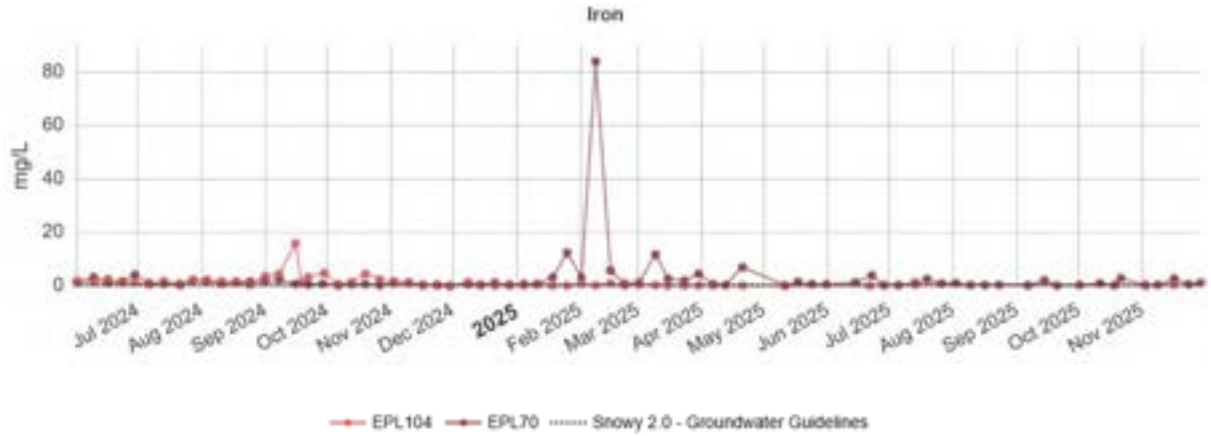
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines
Manganese (Filtered)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines
Manganese
mg/L
1.6
1.2
0.8
0.4
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines


Lead (Filtered)
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines


Lead
mg/L
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines


Iron (Filtered)
mg/L
0.5
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines


Iron
mg/L
80
60
40
20
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
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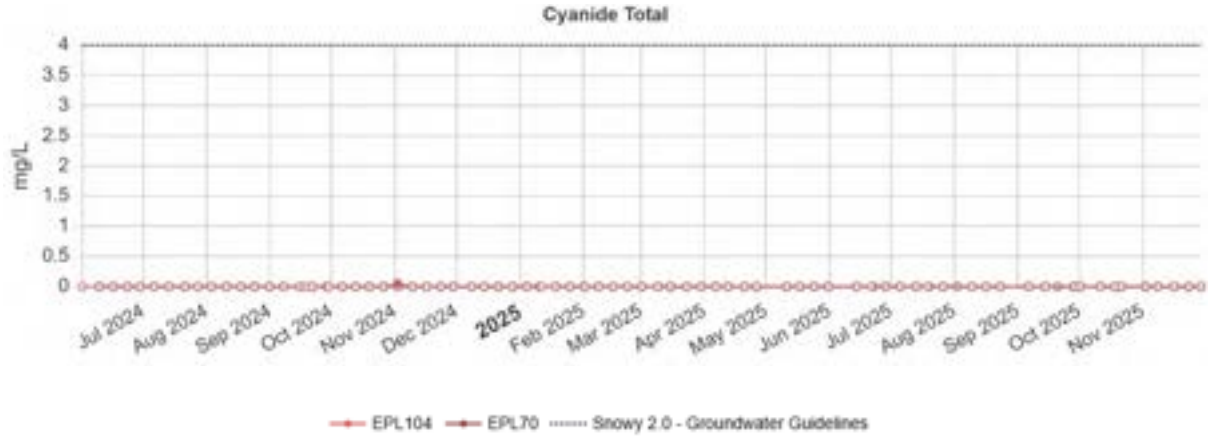
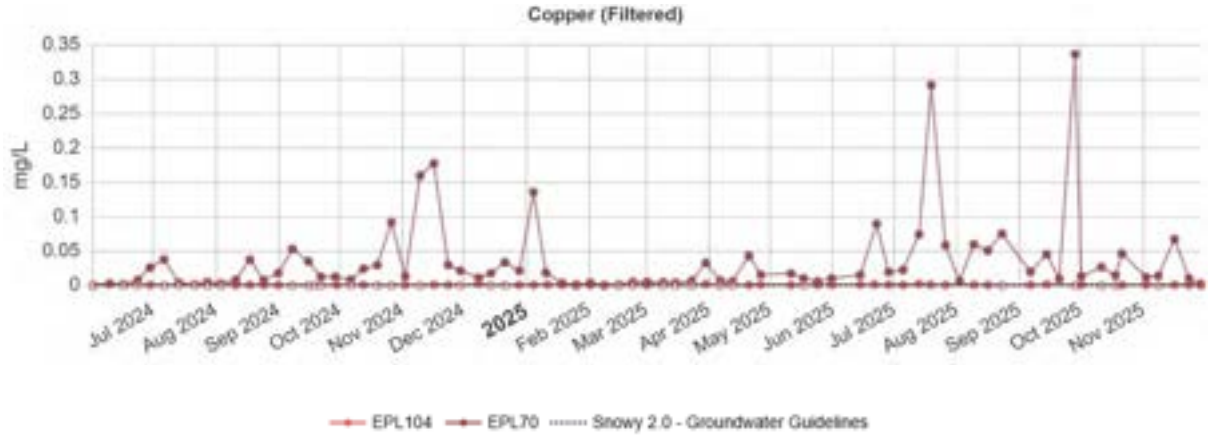
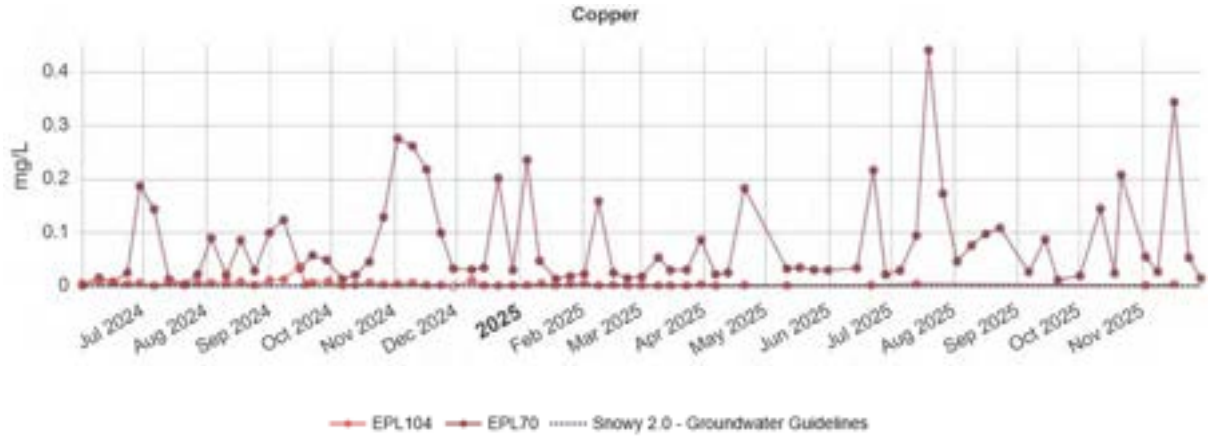
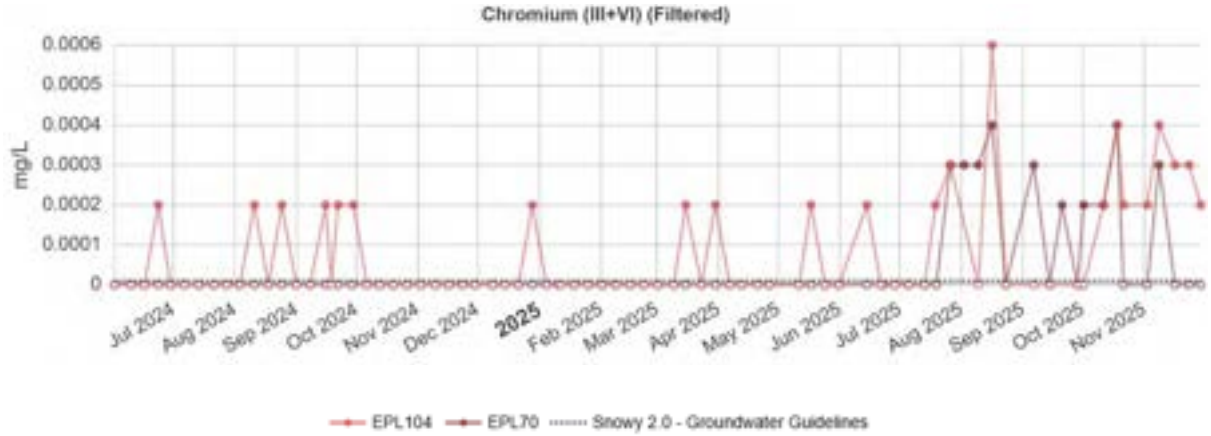
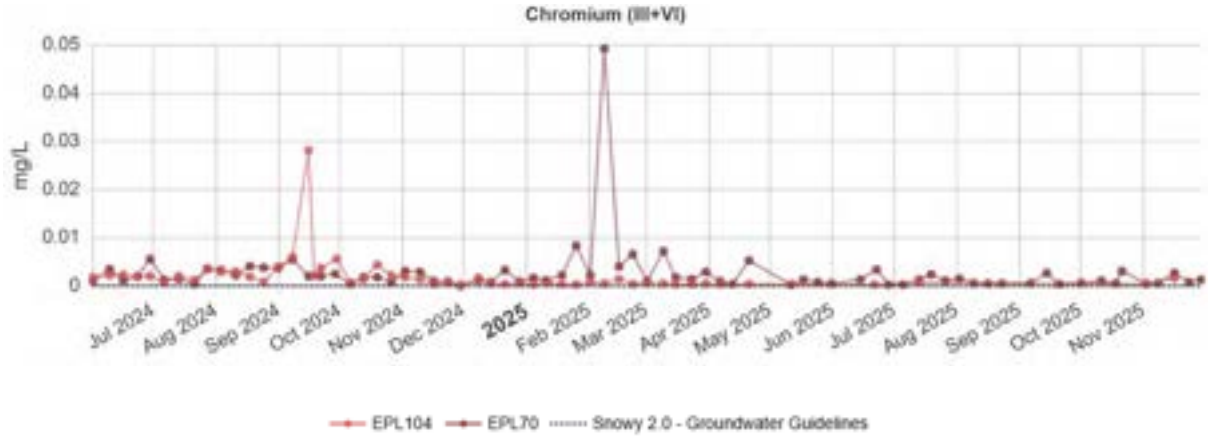
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines

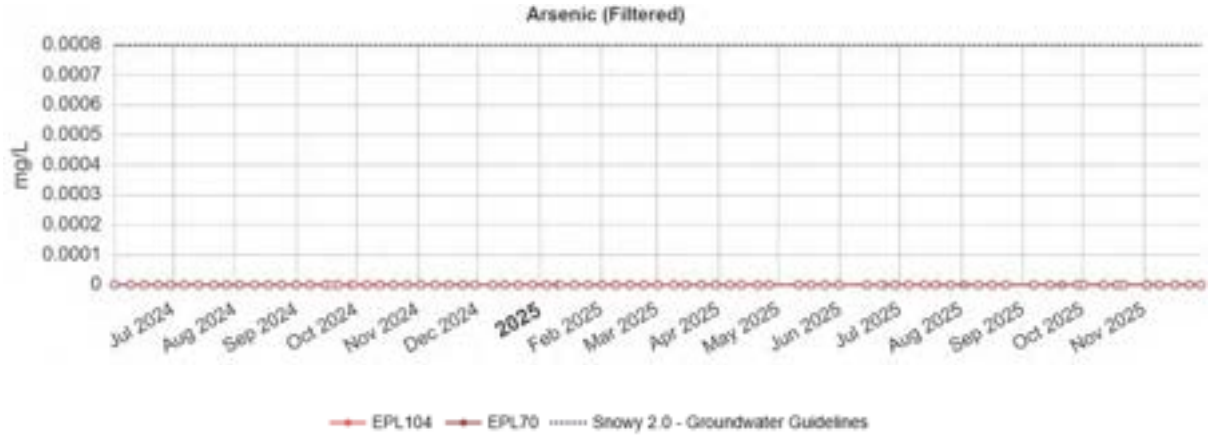

Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines

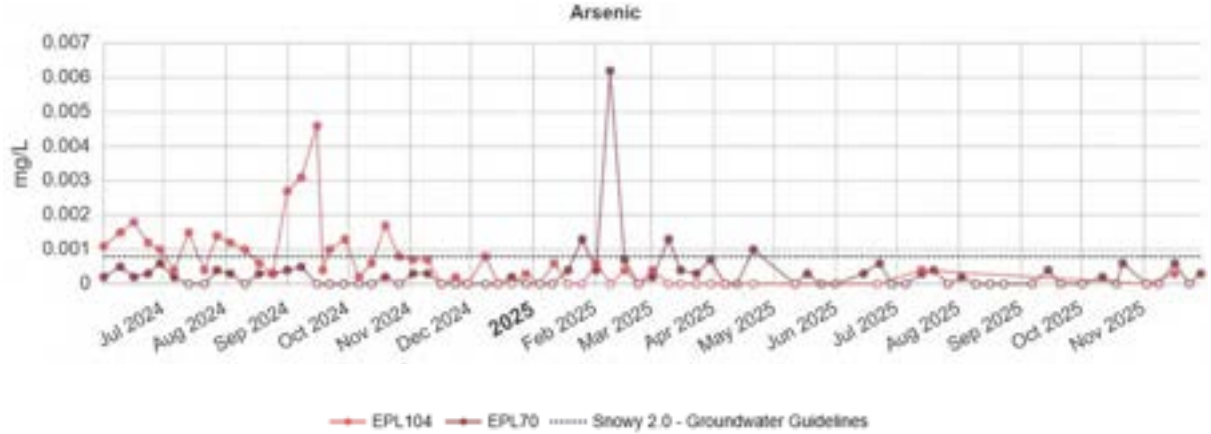

Copper (Filtered)
mg/L
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines

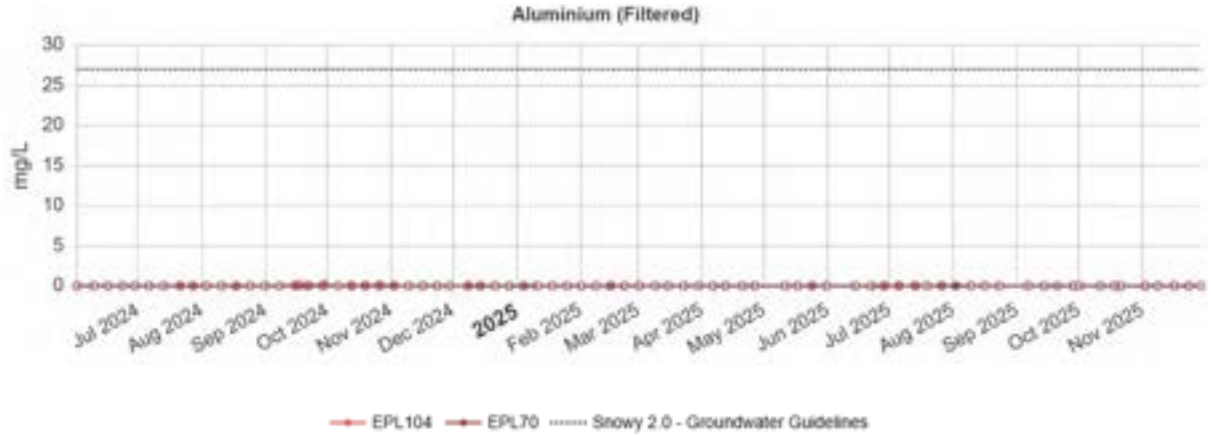

Copper
mg/L
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines

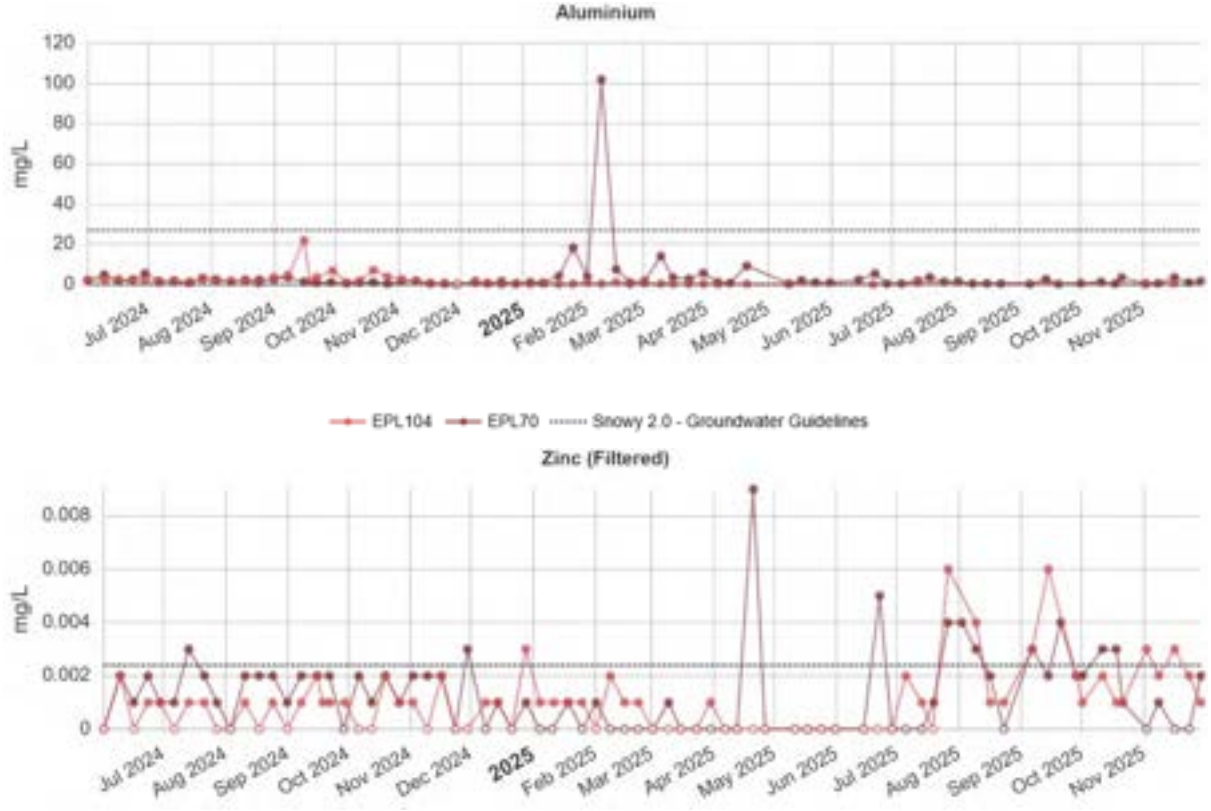

Chromium (III+VI) (Filtered)
mg/L
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines

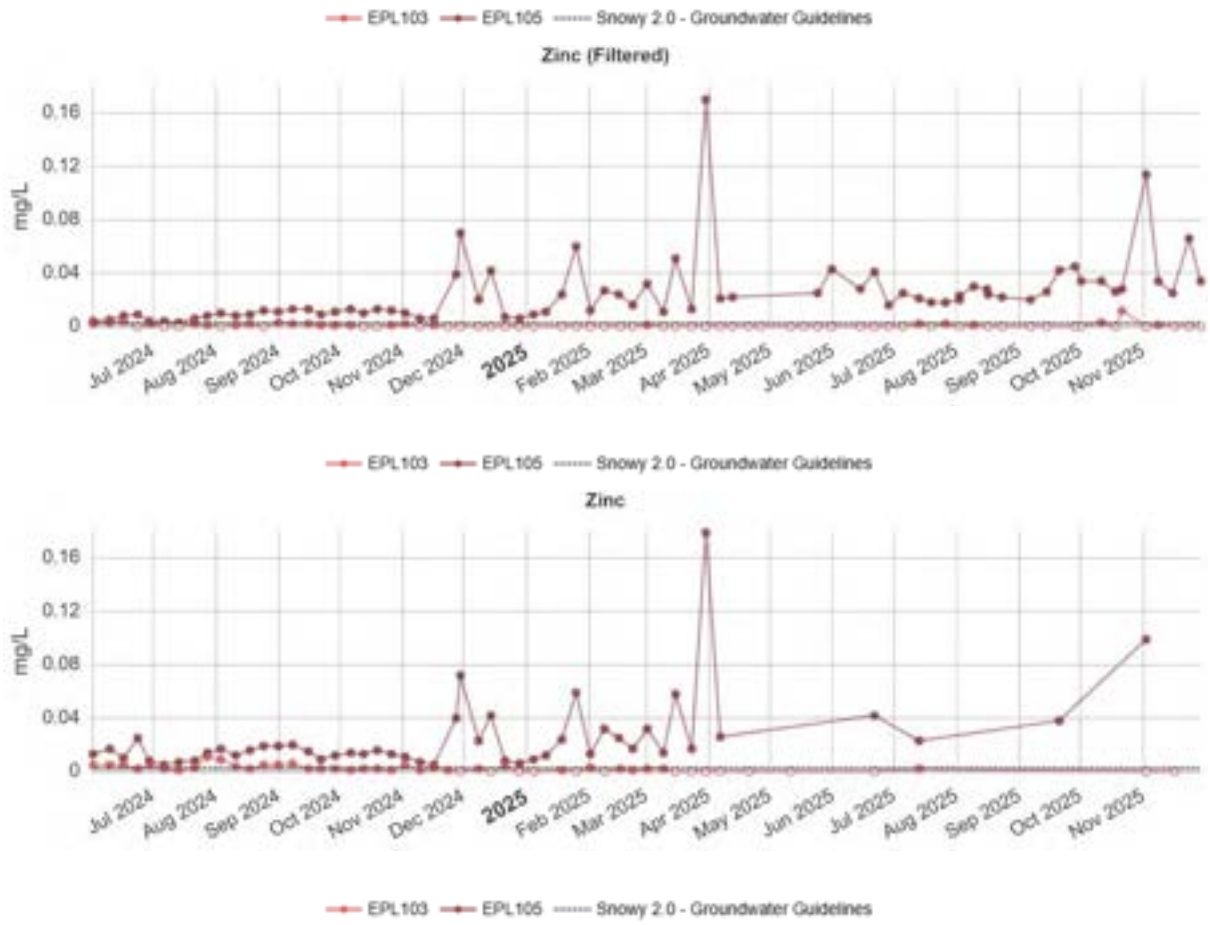

Chromium (III+VI)
0.05
0.04
0.03
0.02
0.01
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines

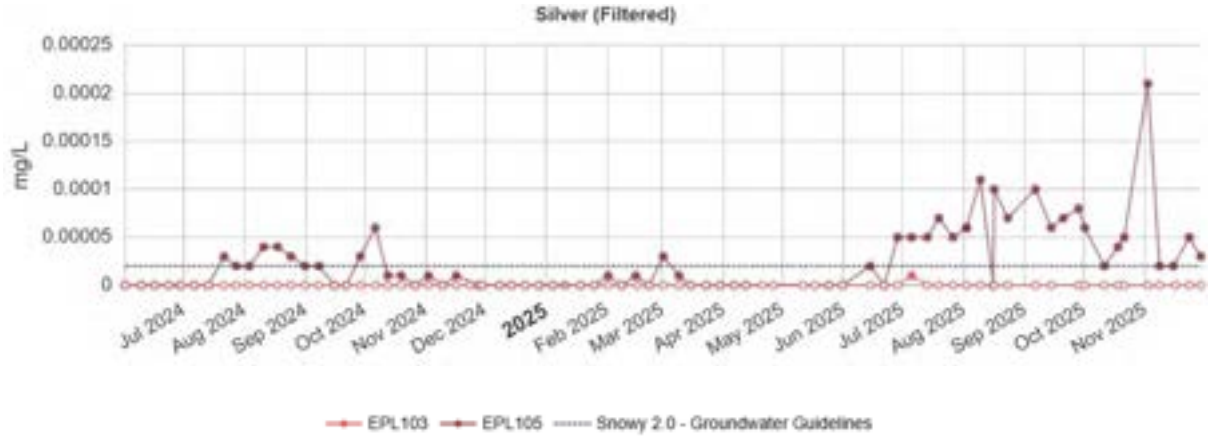

Arsenic (Filtered)
0.0008
0.0007
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines

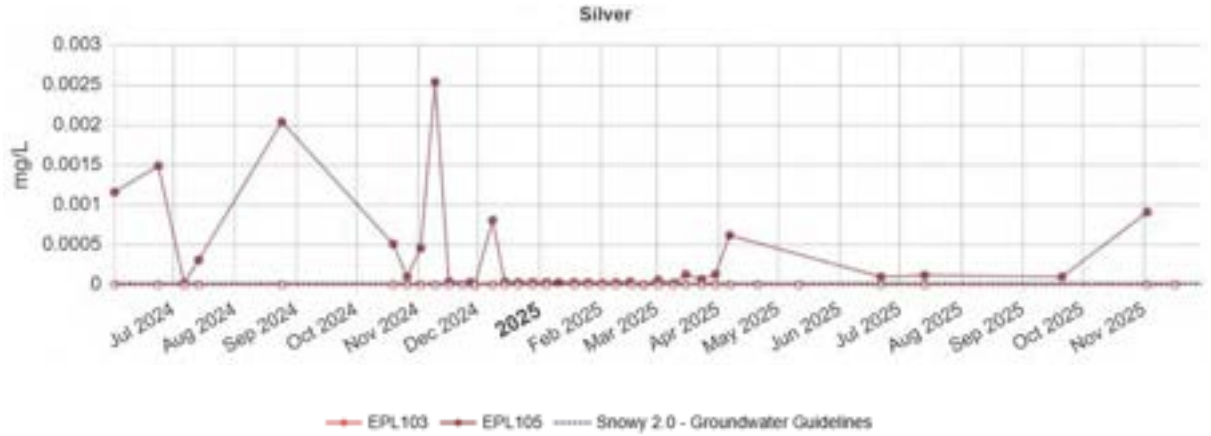

Arsenic
mg/L
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines

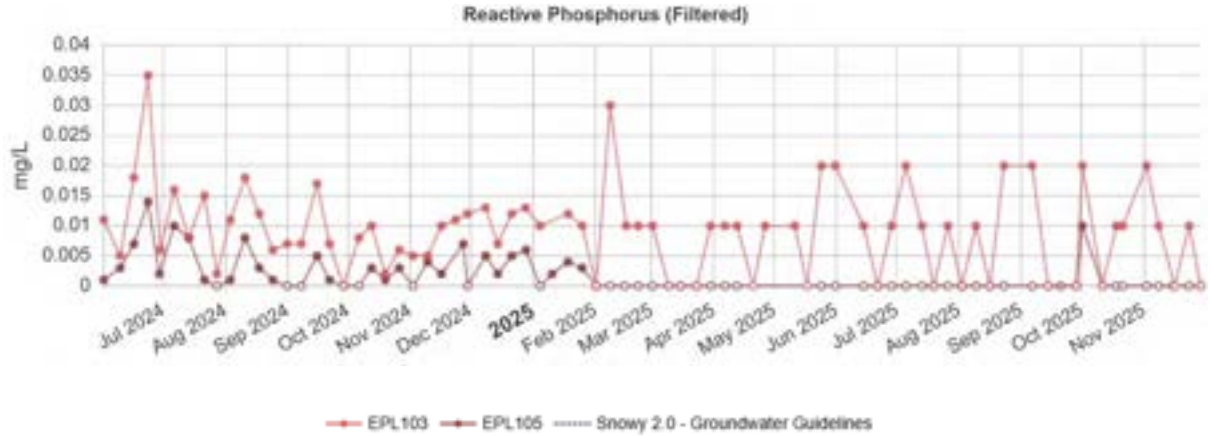

Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines

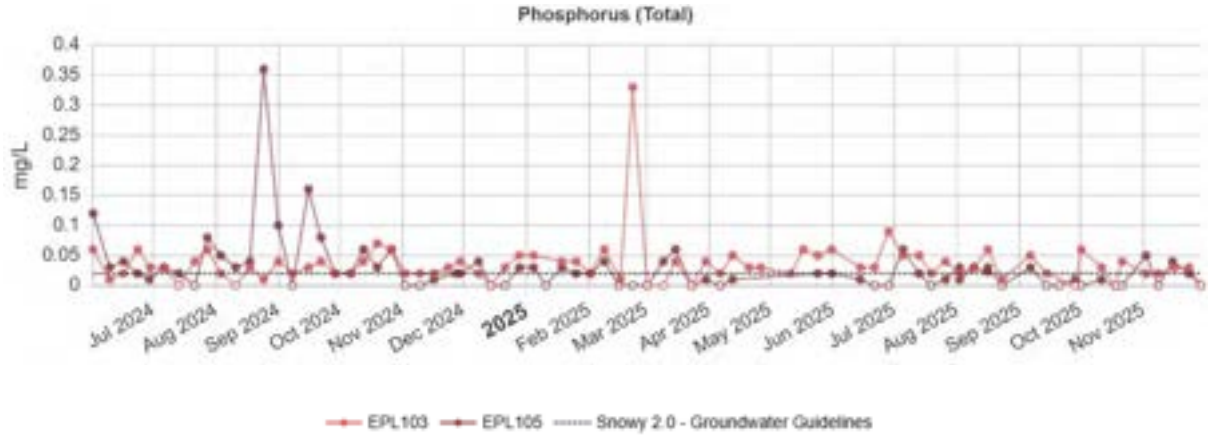

Aluminium
120
100
80
60
40
20
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL104
EPL70
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
0.008
0.006
0.004
0.002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

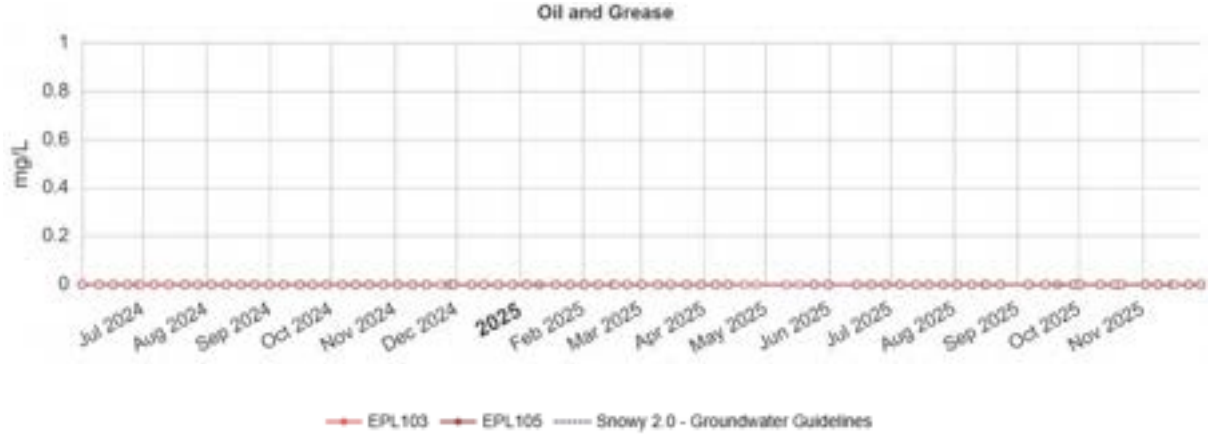

EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
mg/L
0.16
0.12
0.08
0.04
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines
Zinc
mg/L
0.16
0.12
0.08
0.04
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines


Silver (Filtered)
mg/L
0.00025
0.0002
0.00015
0.0001
0.00005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines

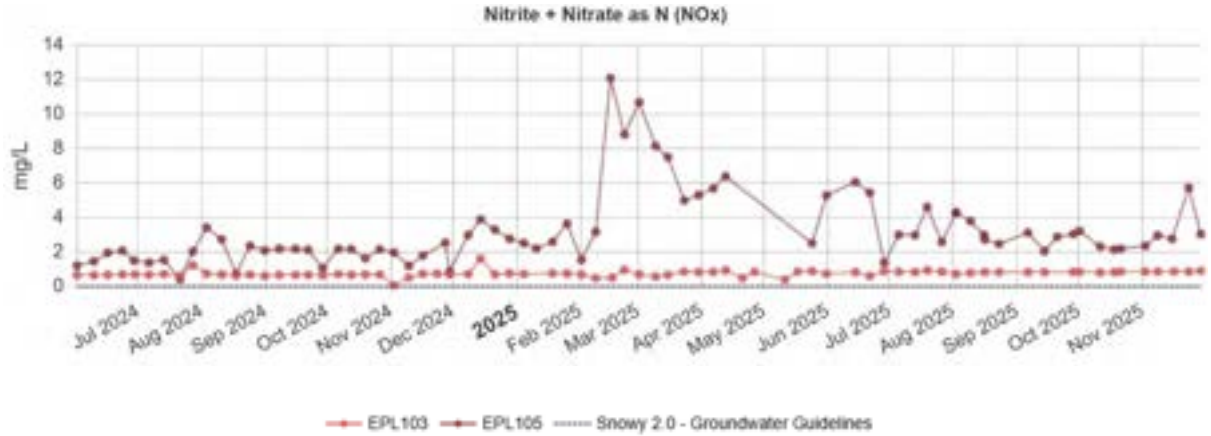

Silver
mg/L
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines

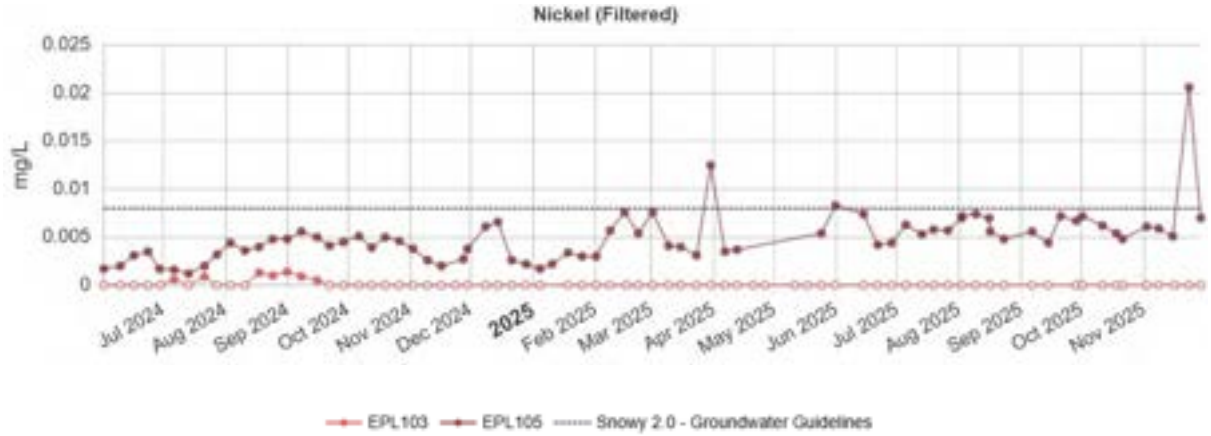

Reactive Phosphorus (Filtered)
mg/L
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines

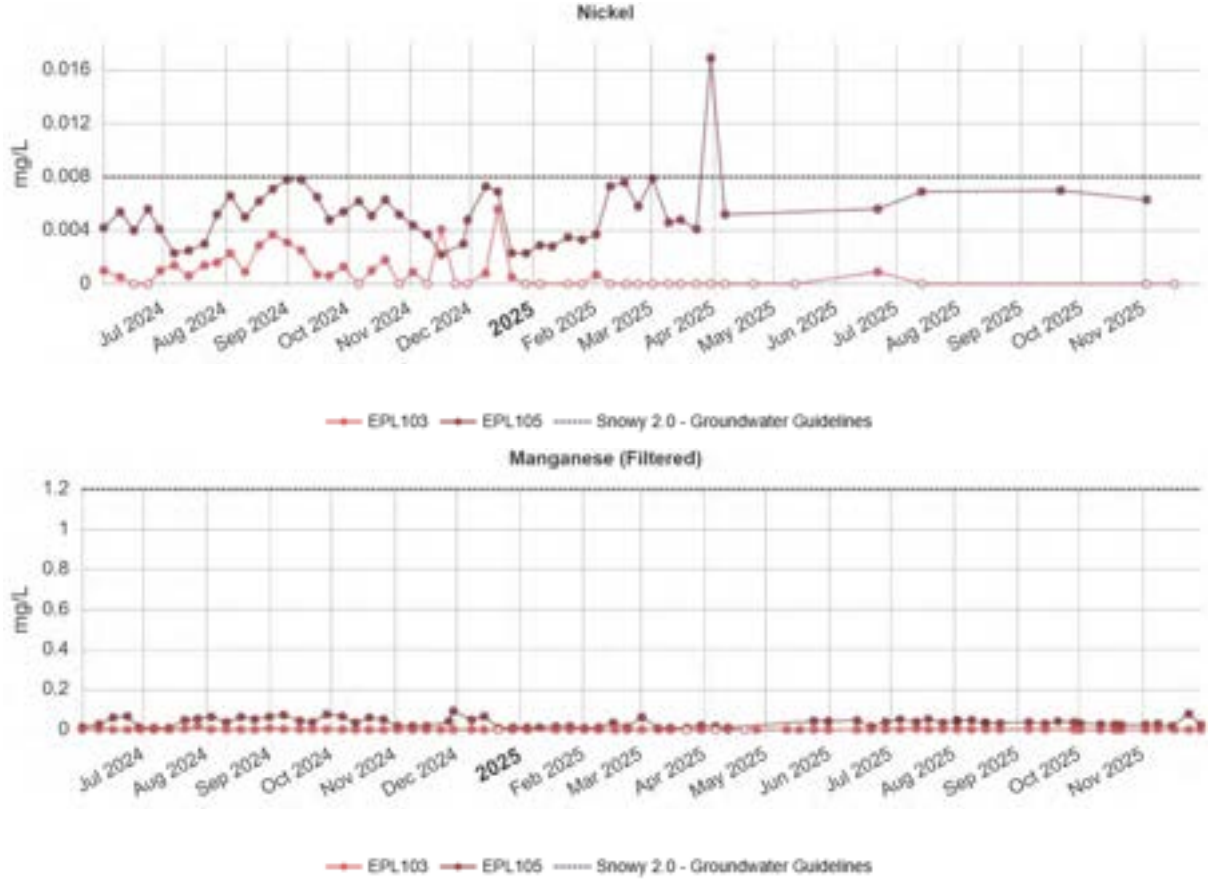

Phosphorus (Total)
mg/L
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines

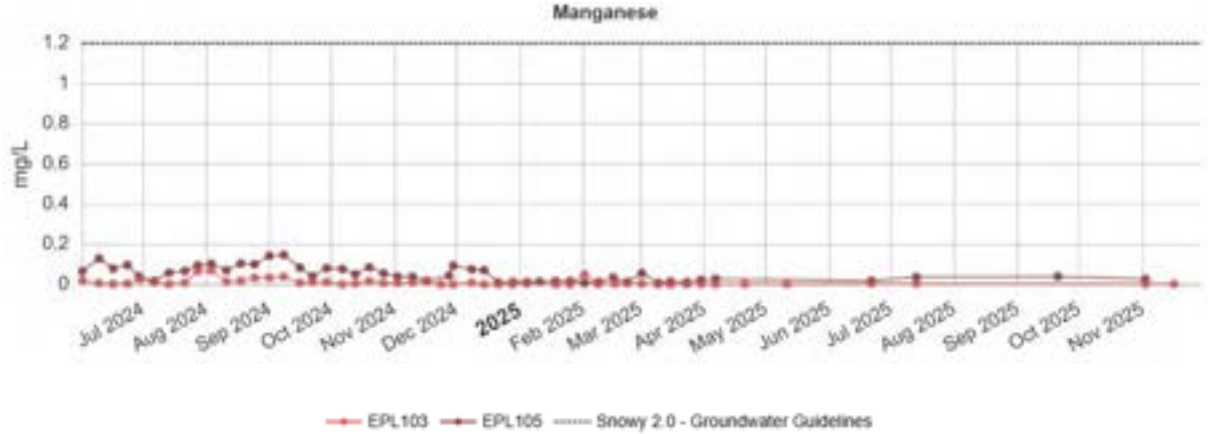

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines

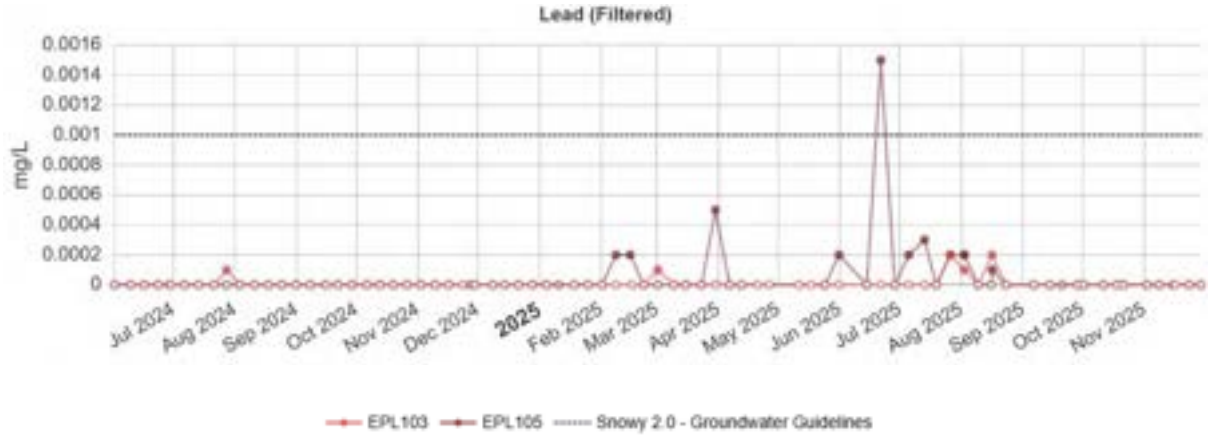
Nitrogen (Total)
mg/L
14
12
10
8
6
4
2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines

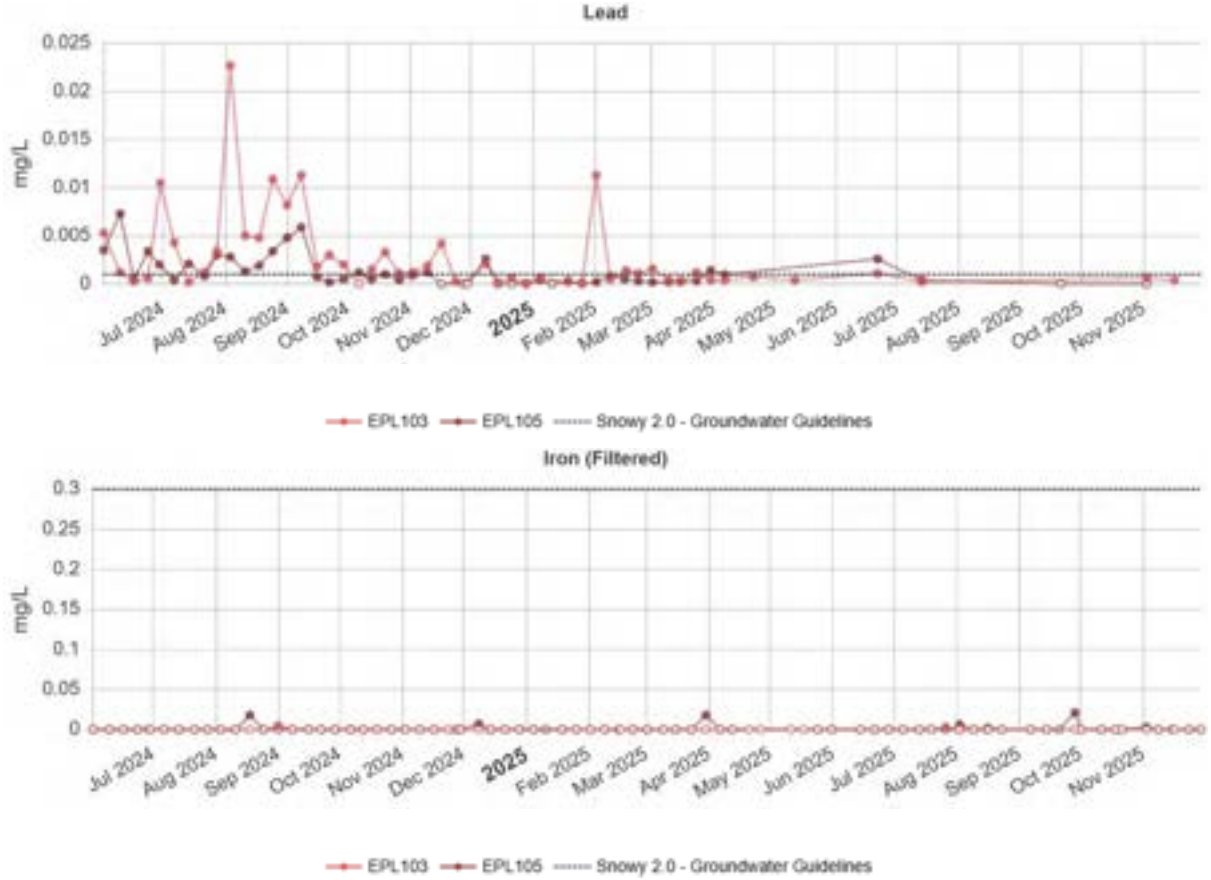

Nitrite + Nitrate as N (NOx)
mg/L
14
12
10
8
6
4
2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines

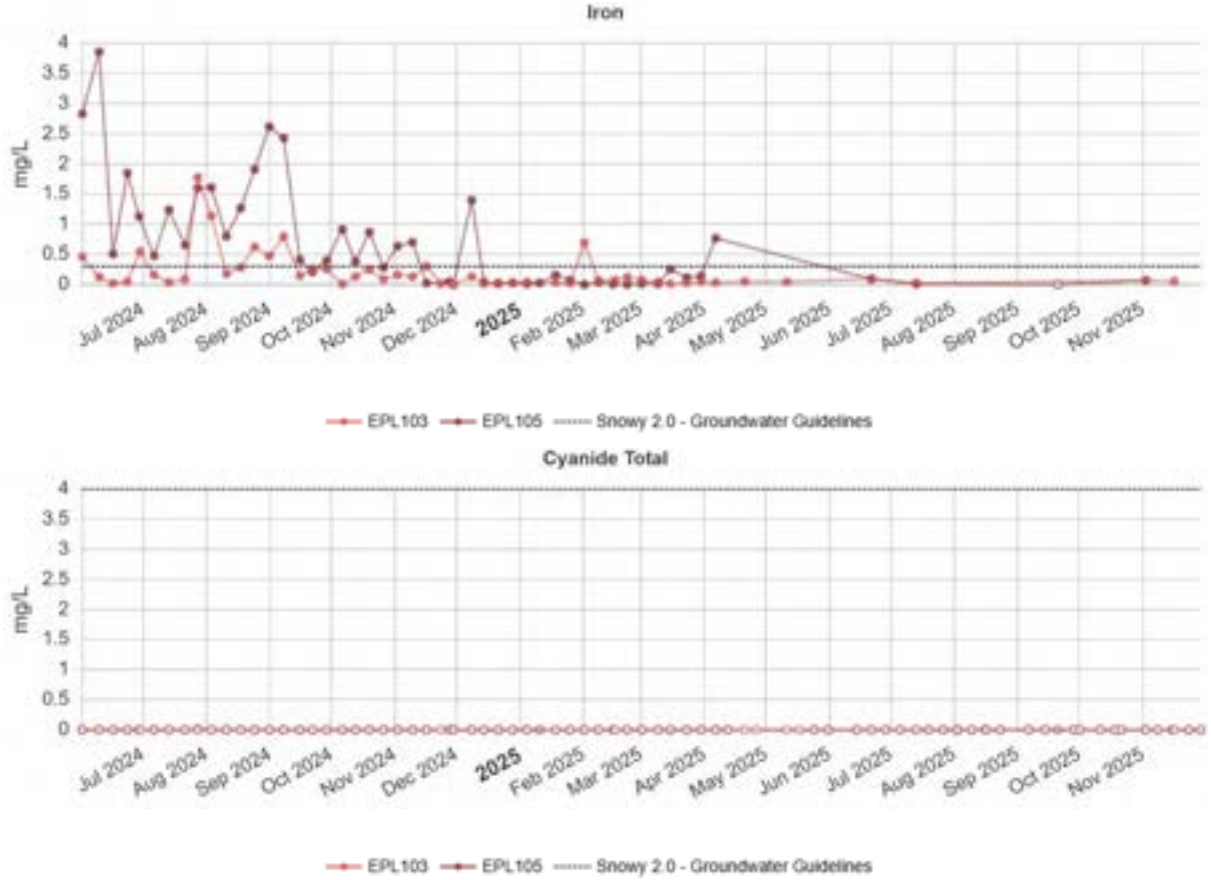

Nickel (Filtered)
mg/L
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines

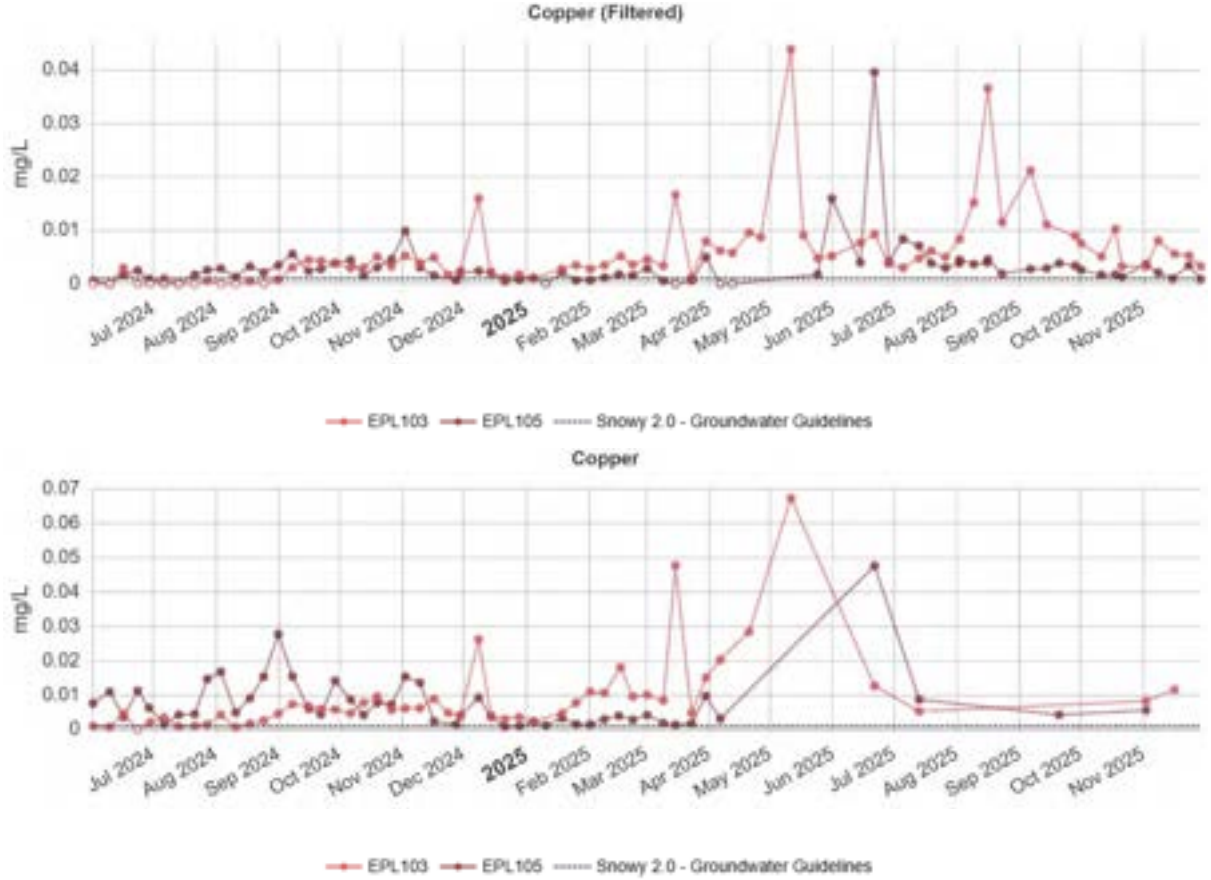

Nickel
0.016
0.012
0.008
0.004
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines
Manganese (Filtered)
1.2
1
0.8
0.6
0.4
0.2
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines


Manganese
1.2
1
0.8
0.6
0.4
0.2
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines


Lead (Filtered)
0.0016
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines


Lead
0.025
0.02
0.015
0.01
0.005
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines
Iron (Filtered)
0.3
0.25
0.2
0.15
0.1
0.05
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines


Iron
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines


Copper (Filtered)
mg/L
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines
Copper
mg/L
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
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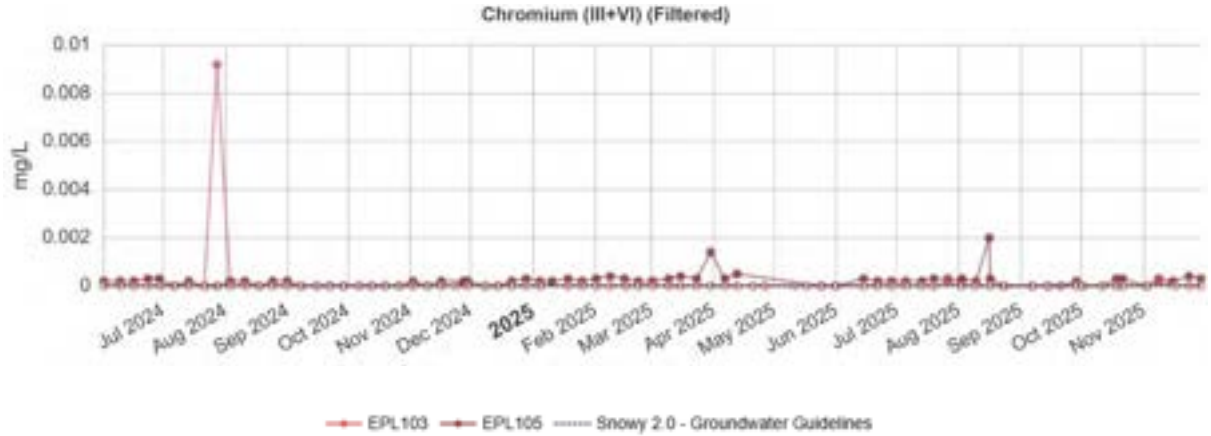
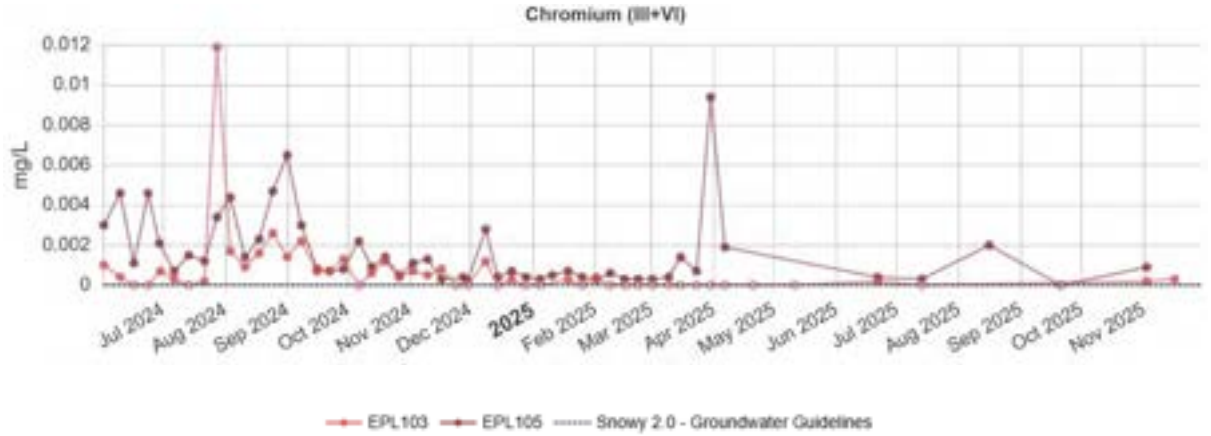
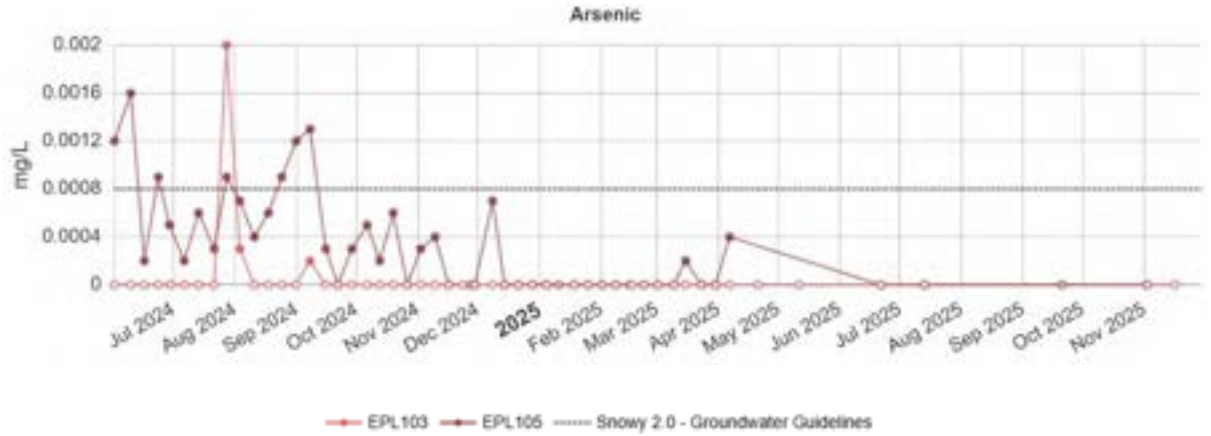
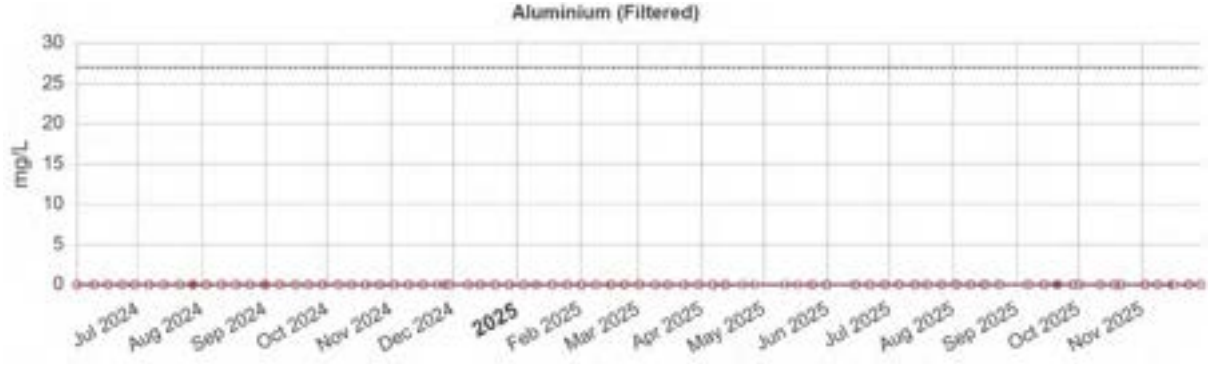
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines

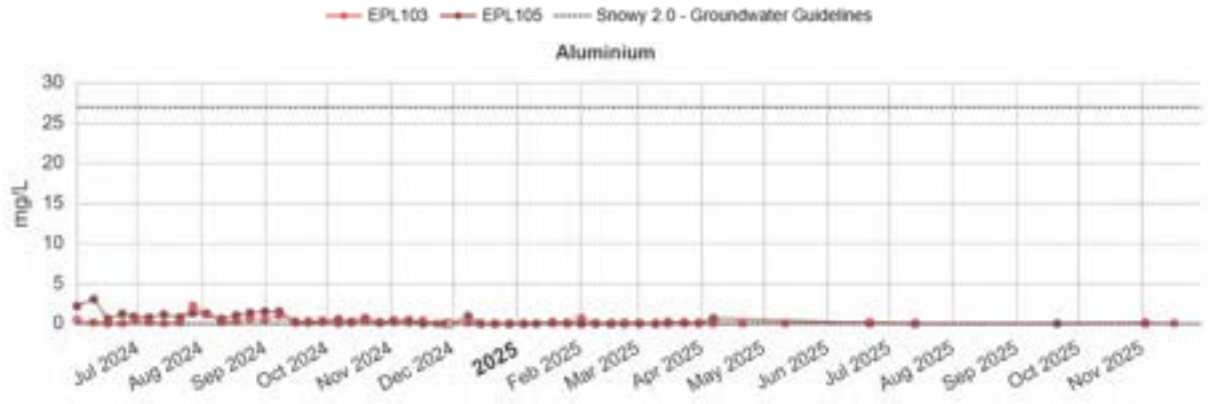

Chromium (III+VI) (Filtered)
mg/L
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines

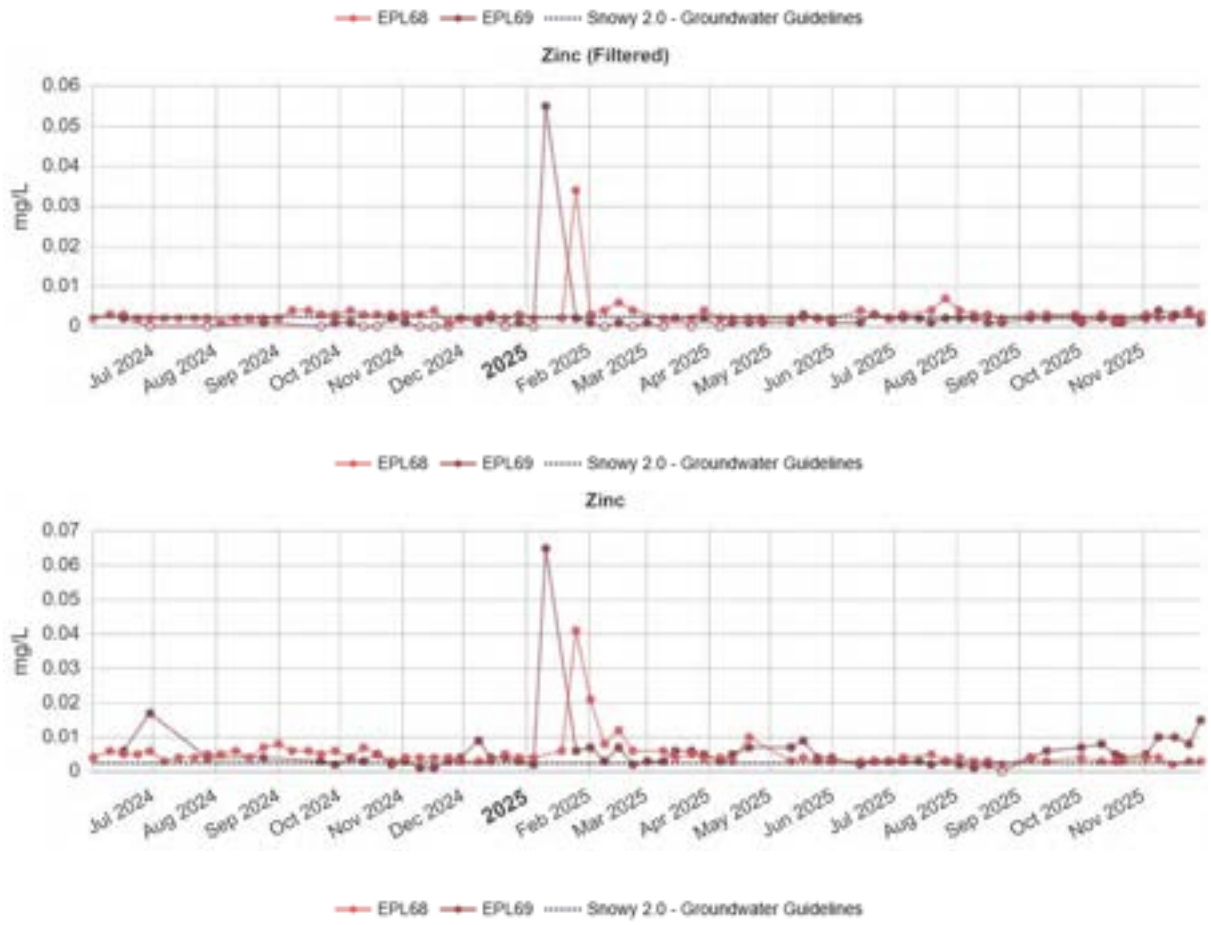

Chromium (III+VI)
mg/L
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines

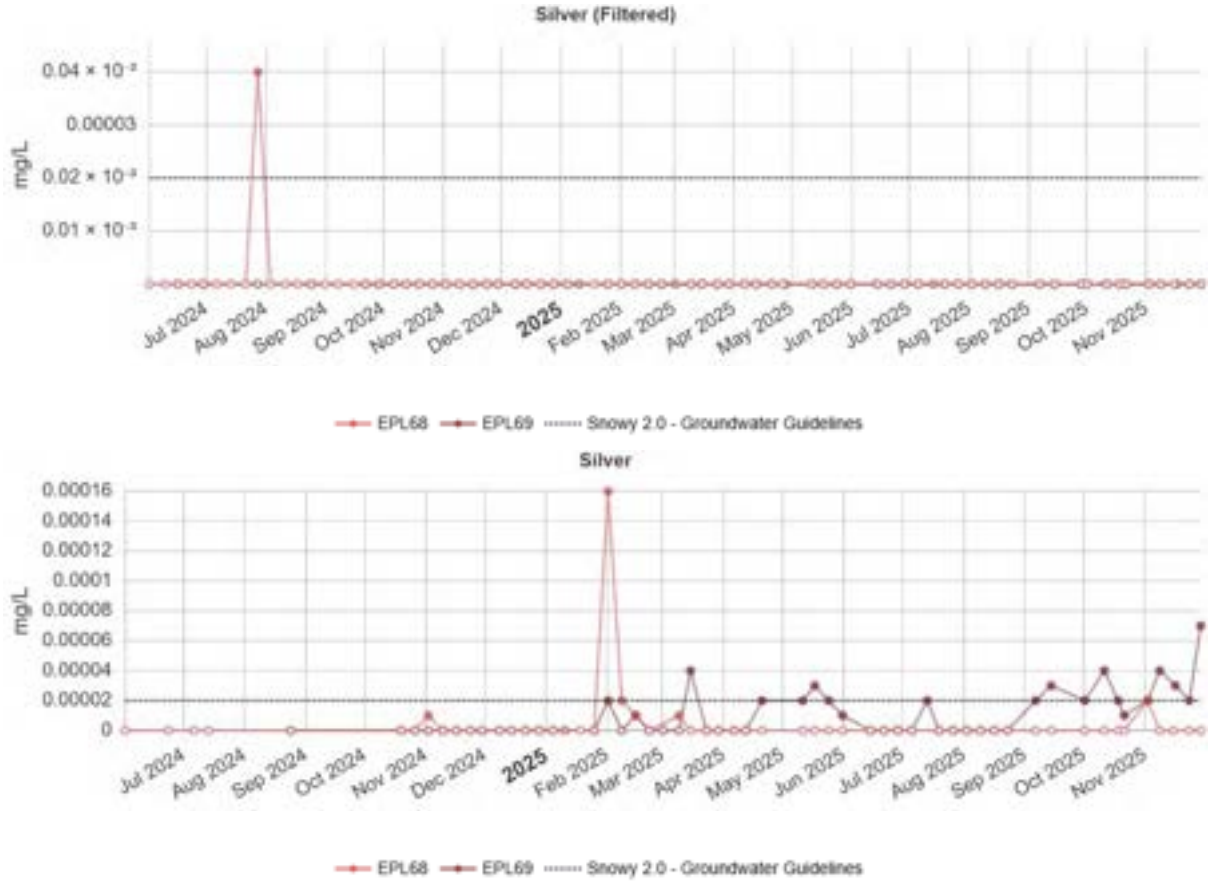
Arsenic (Filtered)
mg/L
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines

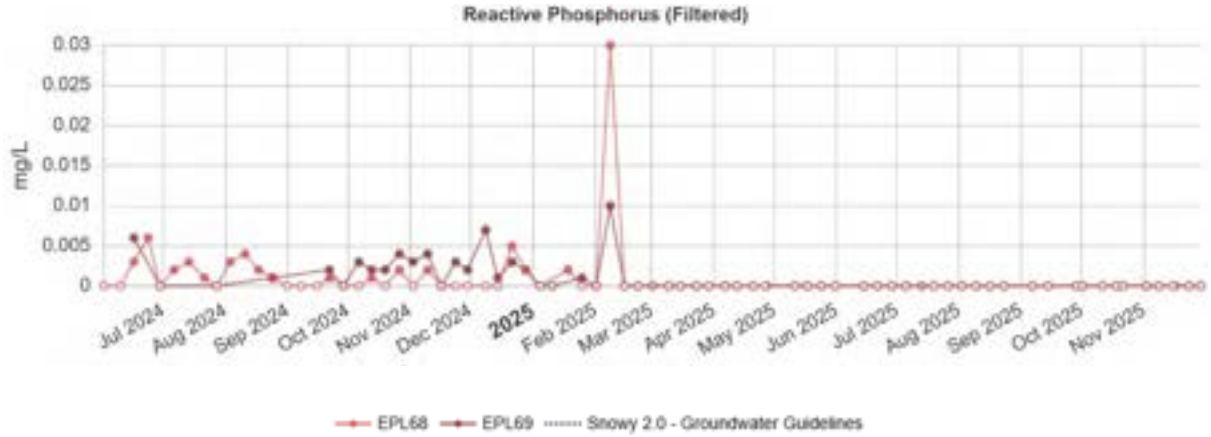

Arsenic
mg/L
0.002
0.0016
0.0012
0.0008
0.0004
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines

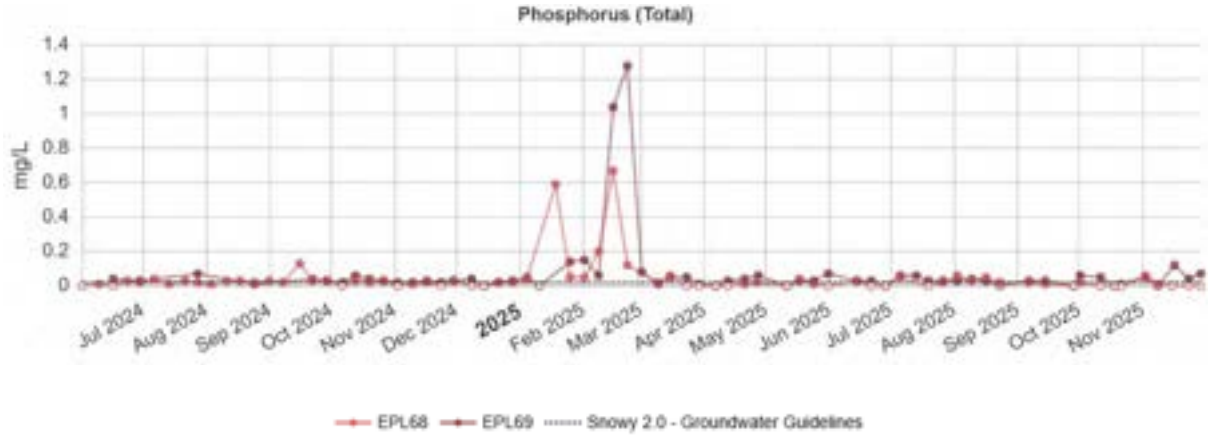

Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

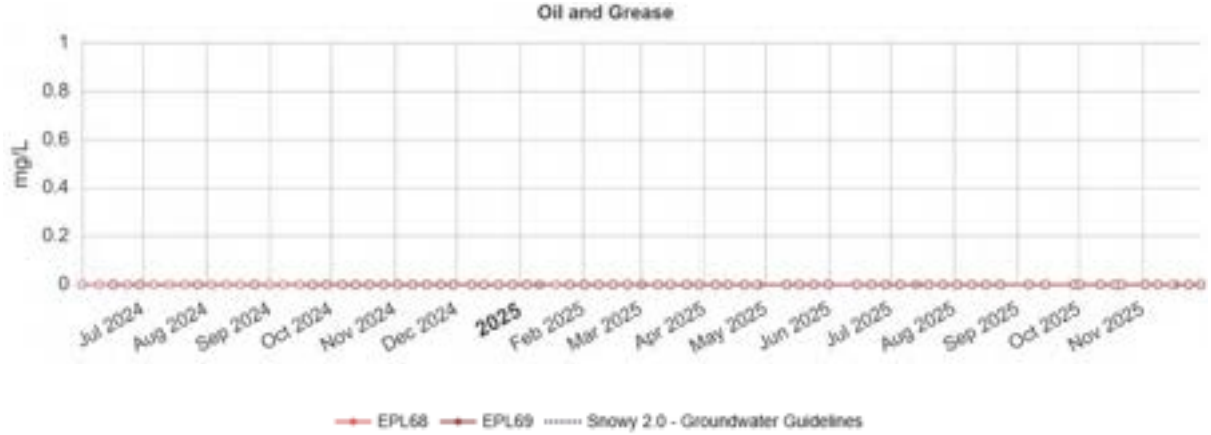

EPL103
EPL105
Snowy 2.0 - Groundwater Guidelines
Aluminium
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

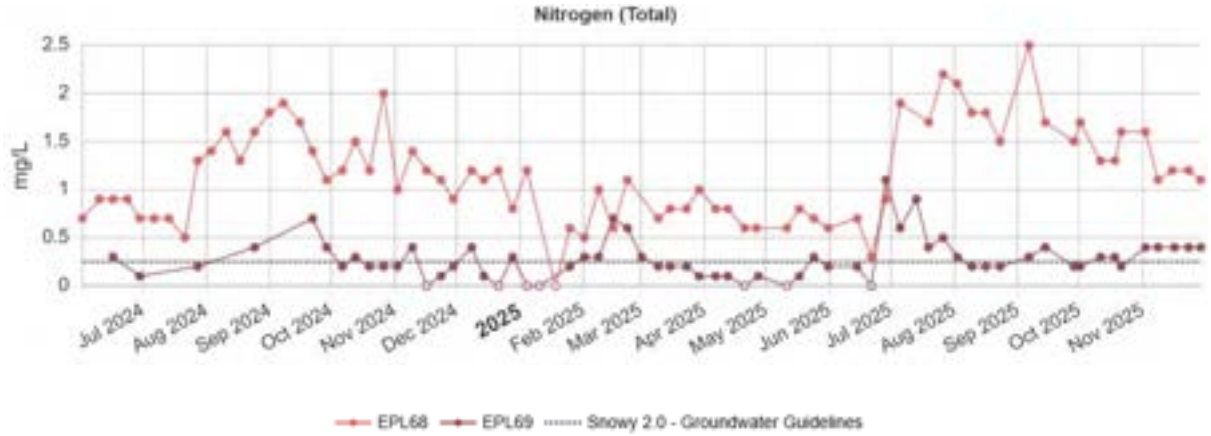

EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
mg/L
0.06
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines
Zinc
mg/L
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines

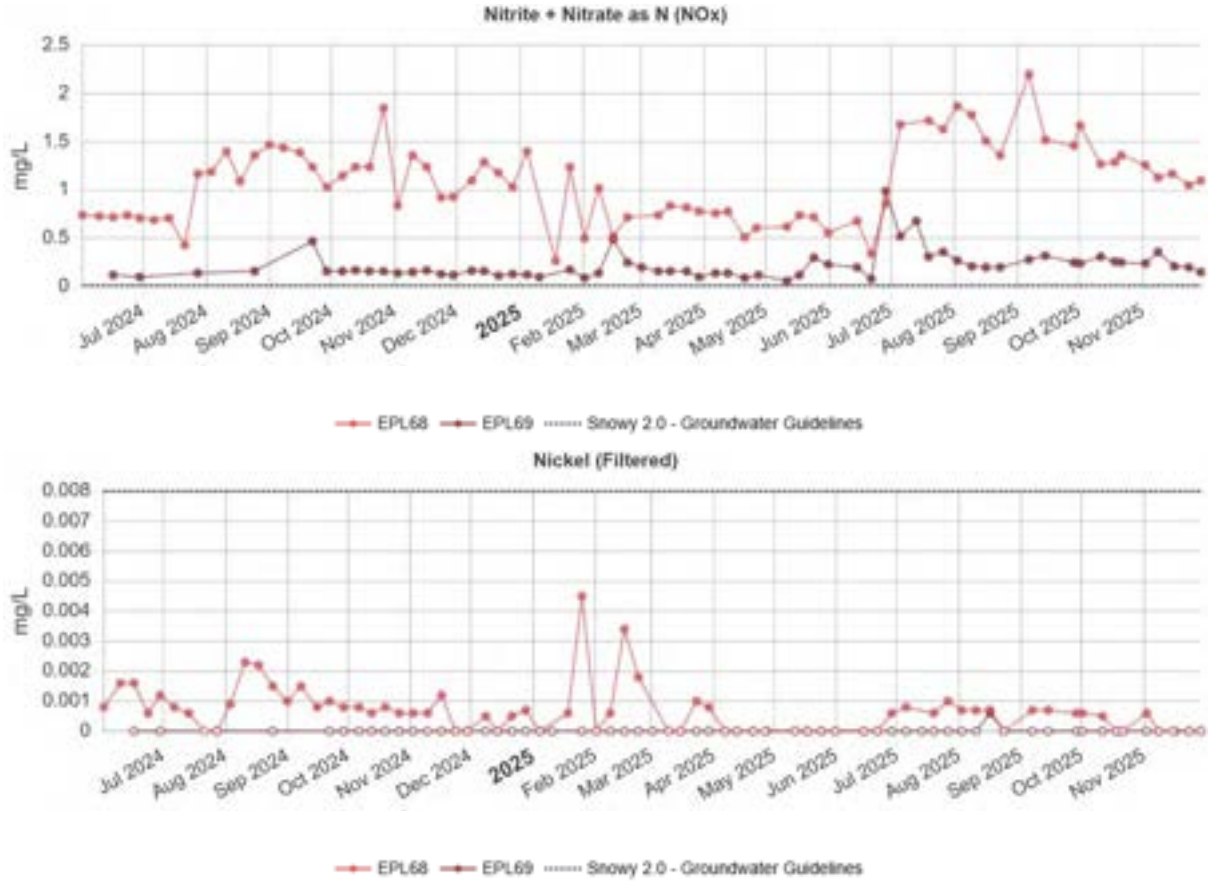

Silver (Filtered)
0.04 × 10⁻³
0.00003
0.02 × 10⁻³
0.01 × 10⁻³
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines
Silver
0.00016
0.00014
0.00012
0.0001
0.00008
0.00006
0.00004
0.00002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines

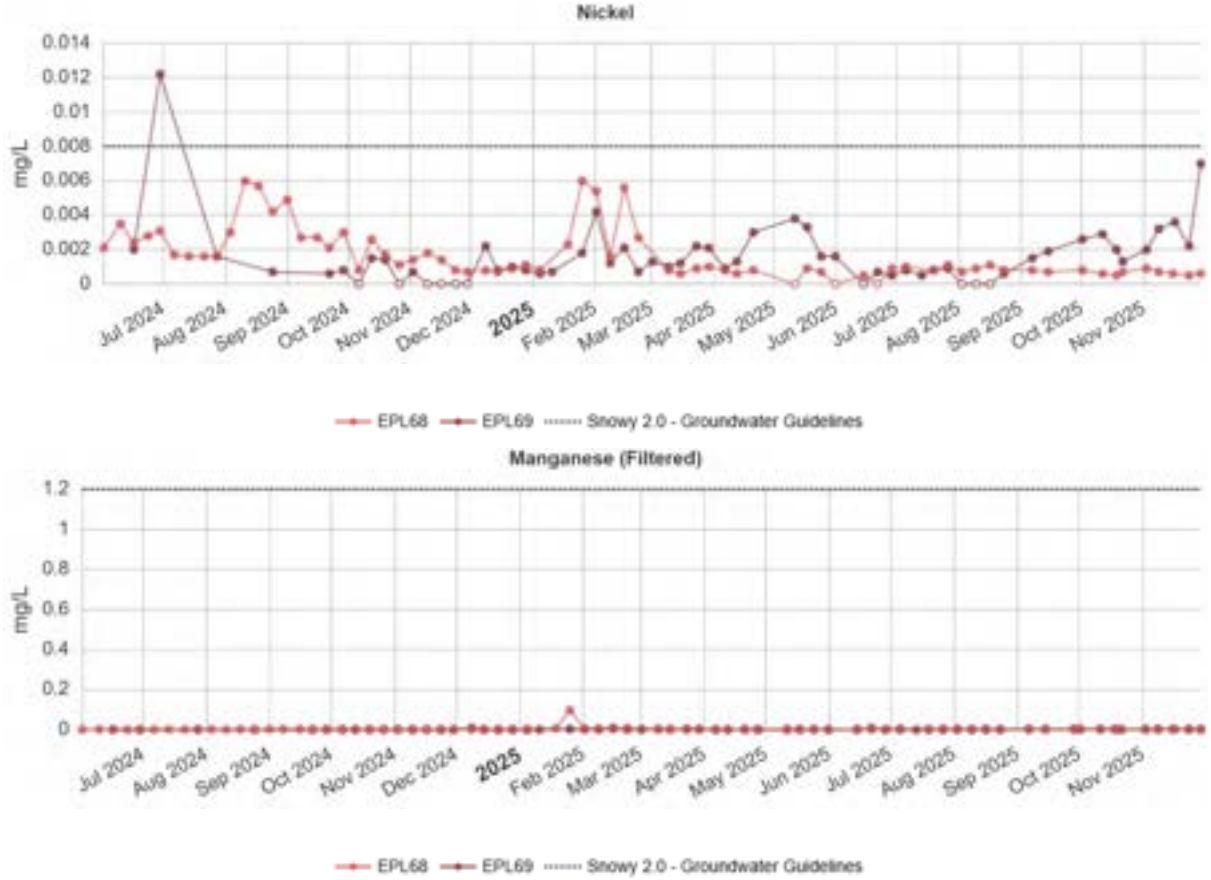

Reactive Phosphorus (Filtered)
mg/L
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines


Phosphorus (Total)
mg/L
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines

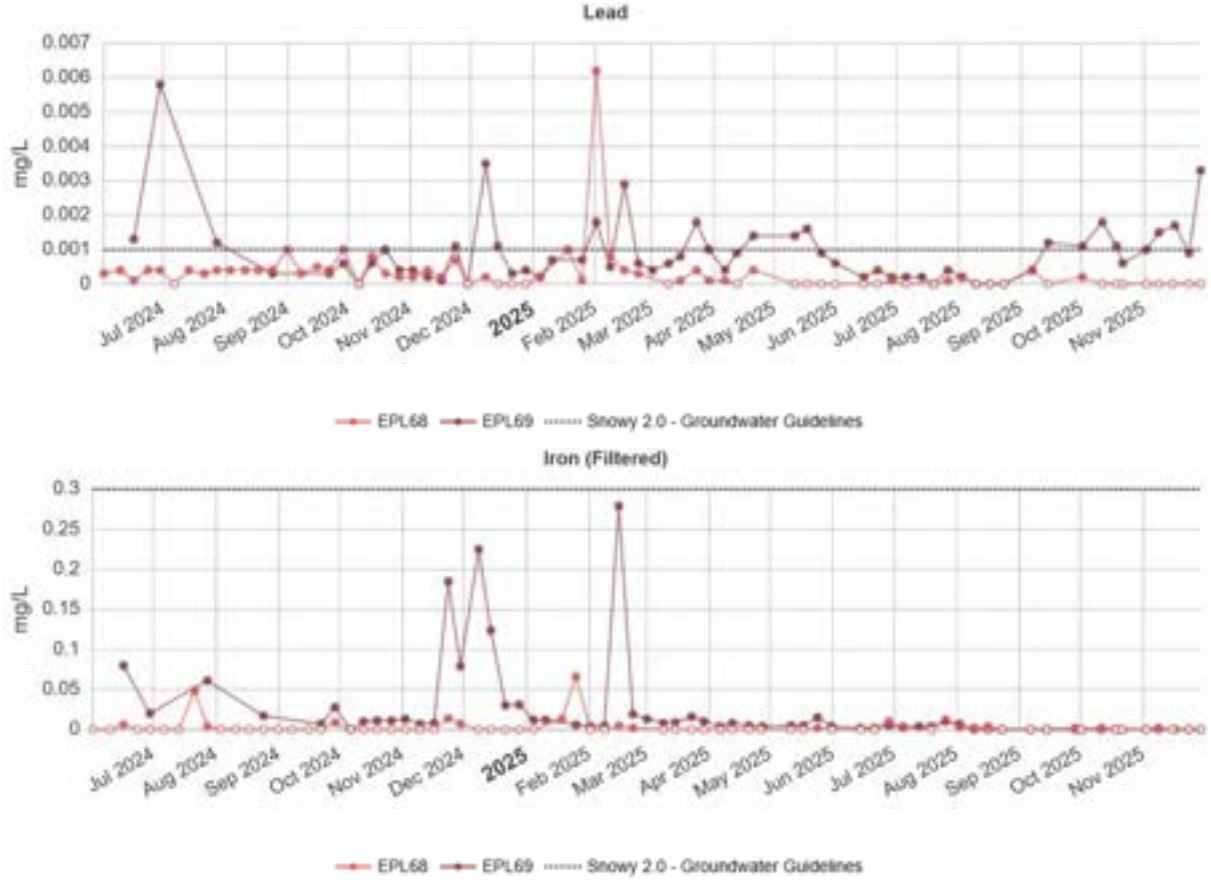

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines

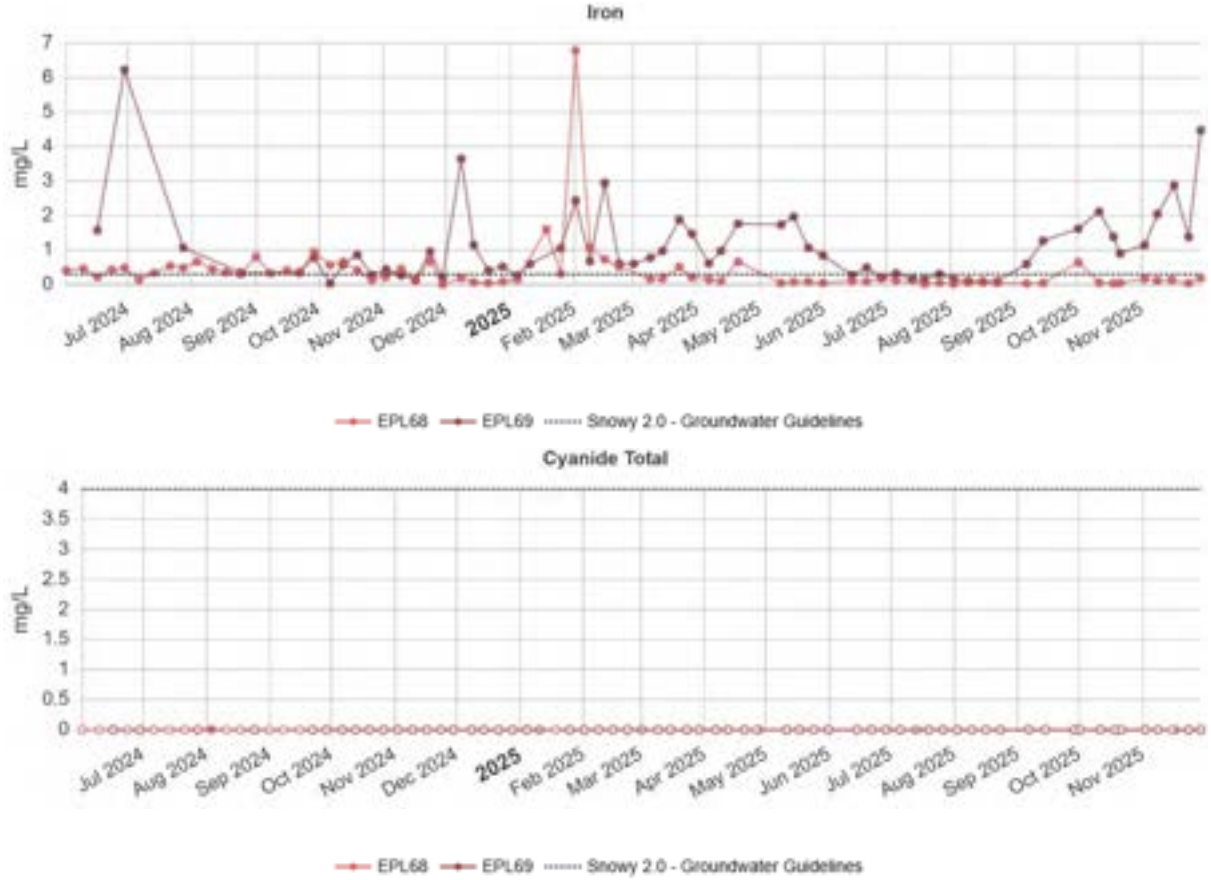

Nitrogen (Total)
mg/L
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines

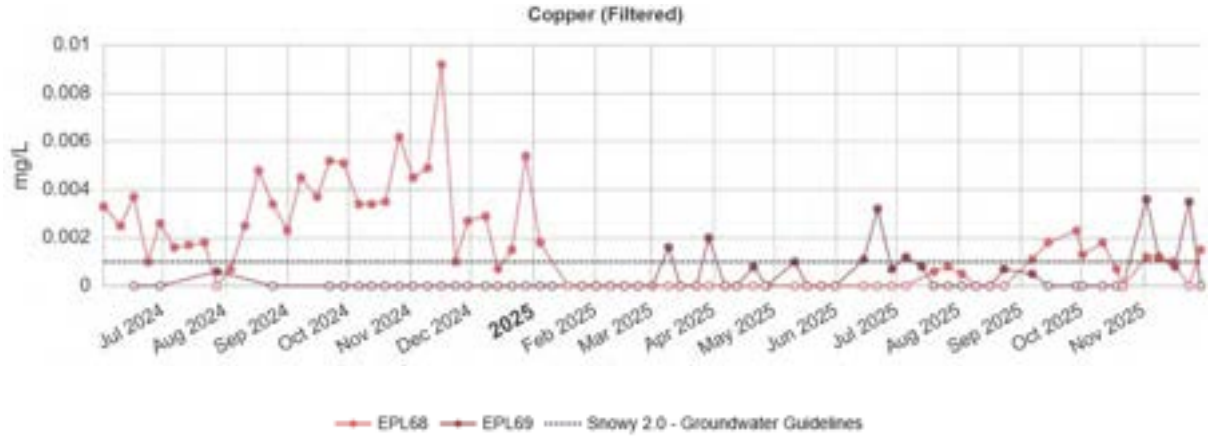

Nitrite + Nitrate as N (NOx)
mg/L
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines
Nickel (Filtered)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines

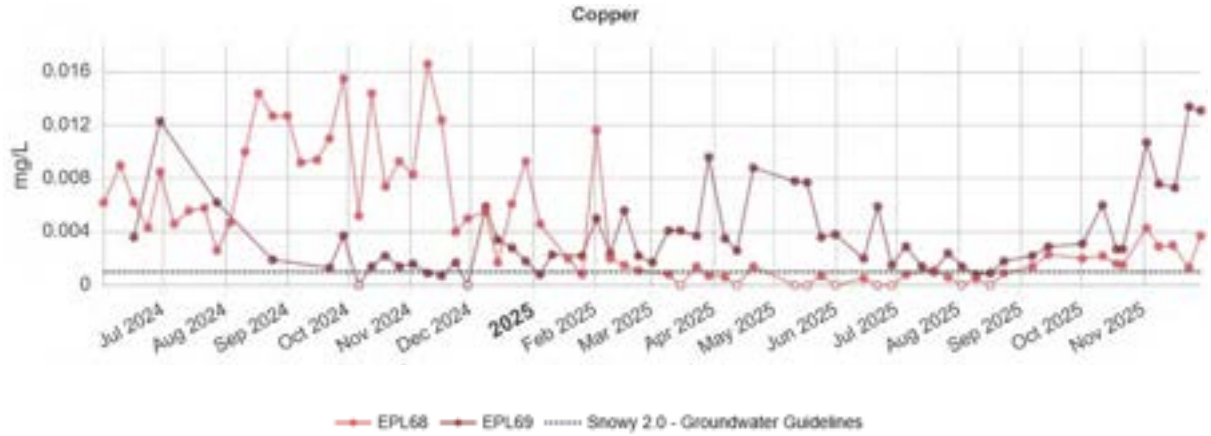

Nickel
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines
Manganese (Filtered)
1.2
1
0.8
0.6
0.4
0.2
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines

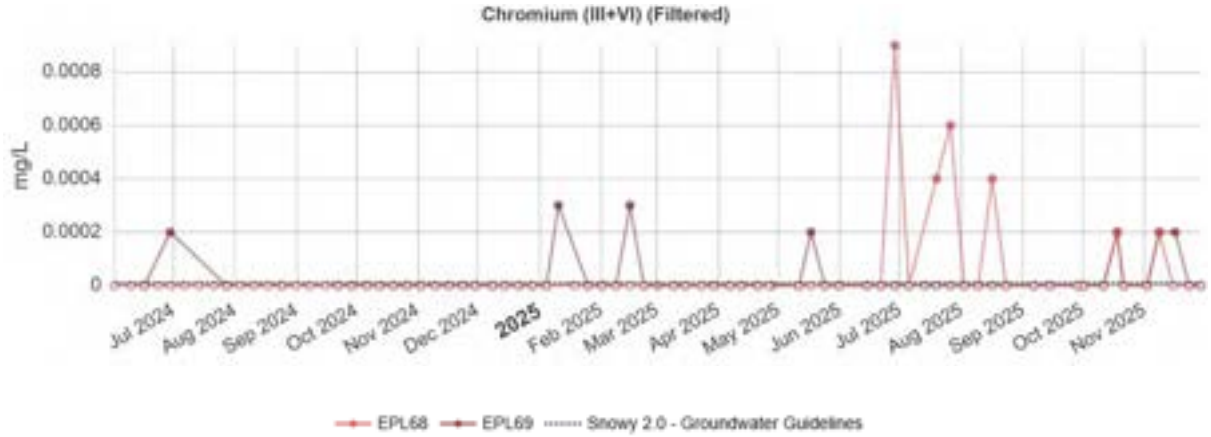
Manganese
1.2
1
0.8
0.6
0.4
0.2
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines
Lead (Filtered)
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines

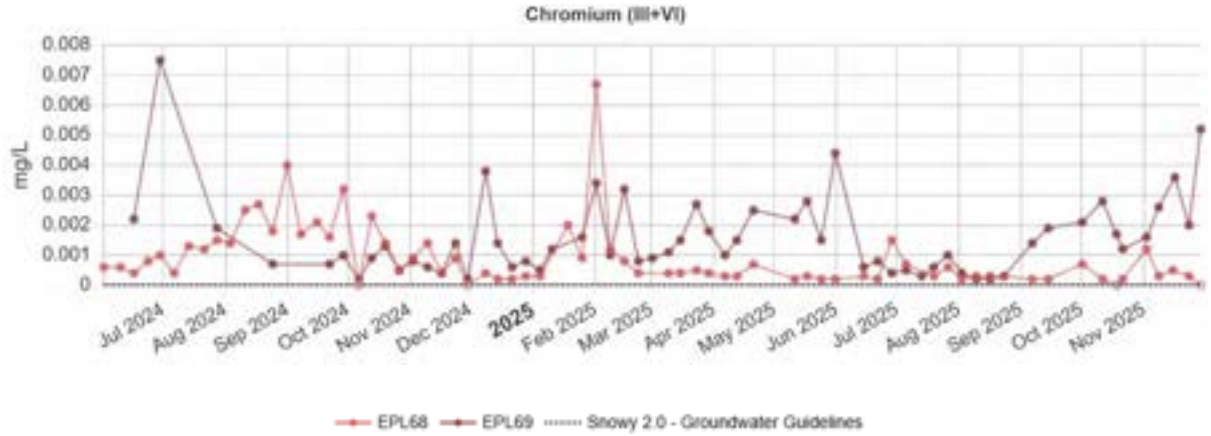

Lead
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines
Iron (Filtered)
0.3
0.25
0.2
0.15
0.1
0.05
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines

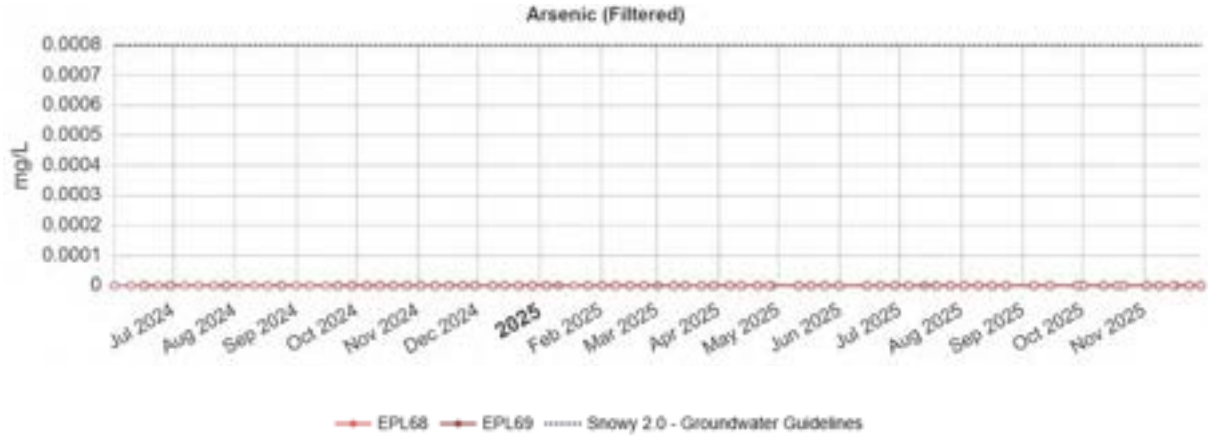

Iron
mg/L
7
6
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines

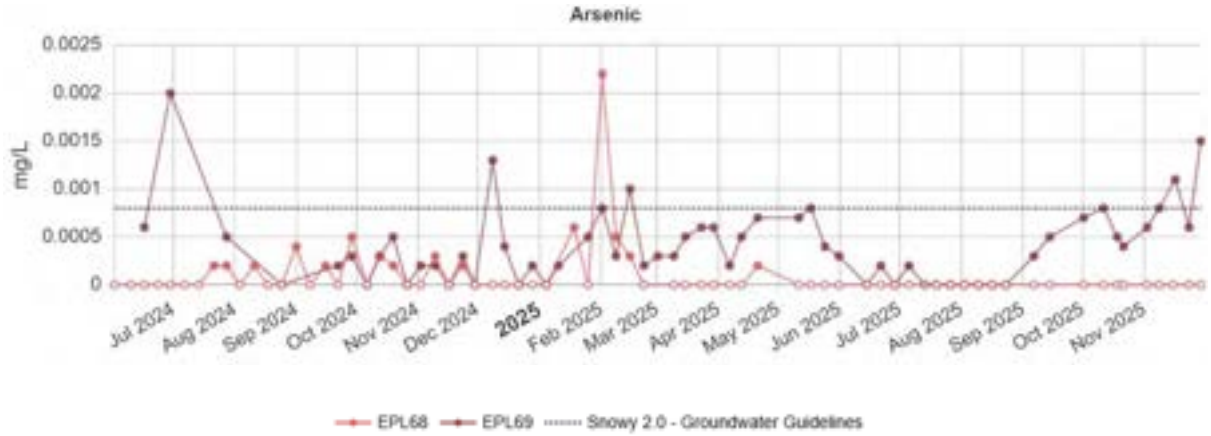

Copper (Filtered)
mg/L
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines

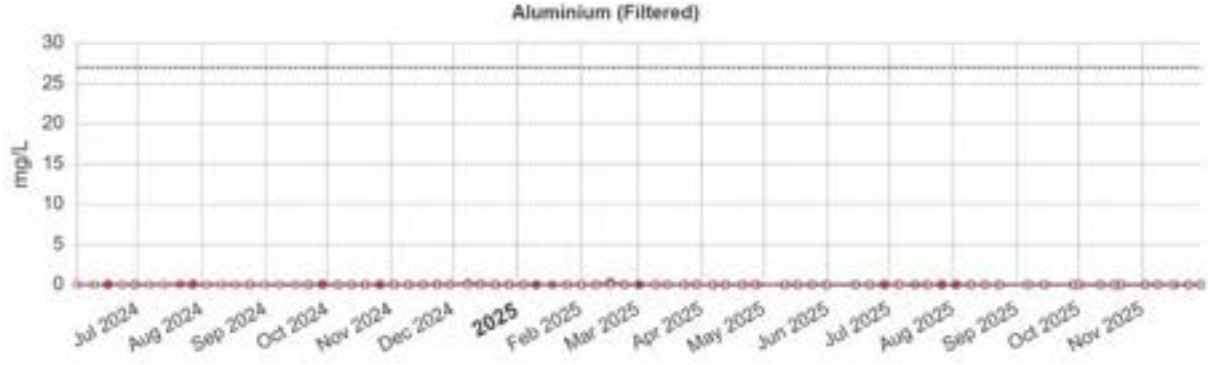

Copper
mg/L
0.016
0.012
0.008
0.004
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines

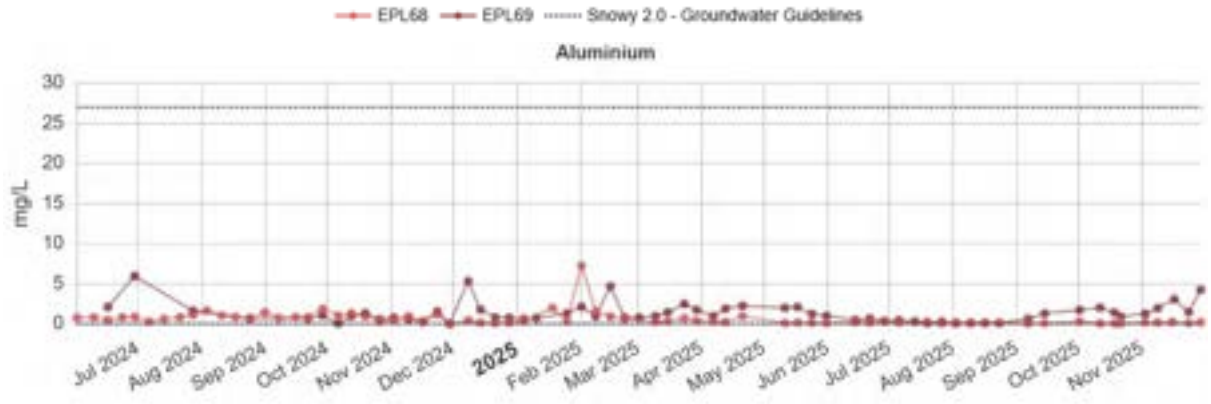

Chromium (III+VI) (Filtered)
mg/L
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines


Chromium (III+VI)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines


Arsenic (Filtered)
mg/L
0.0008
0.0007
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines

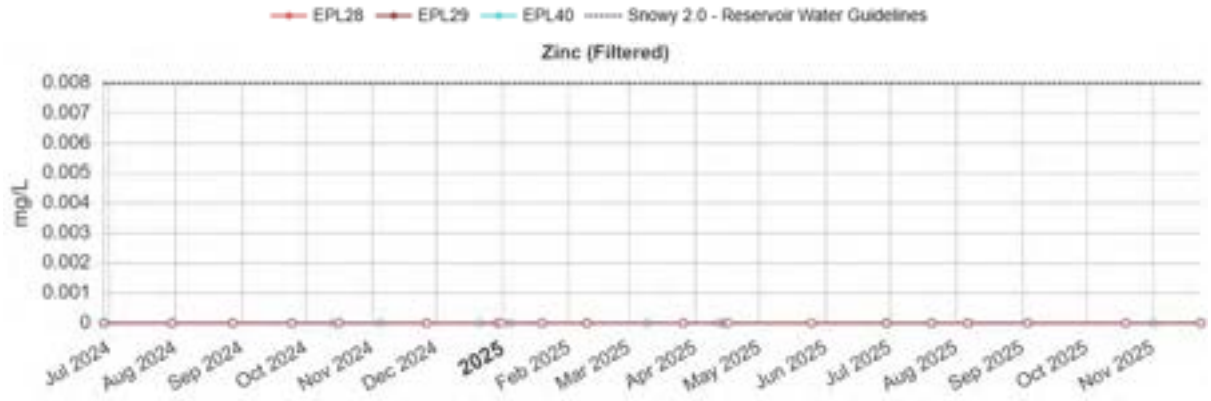

Arsenic
mg/L
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines

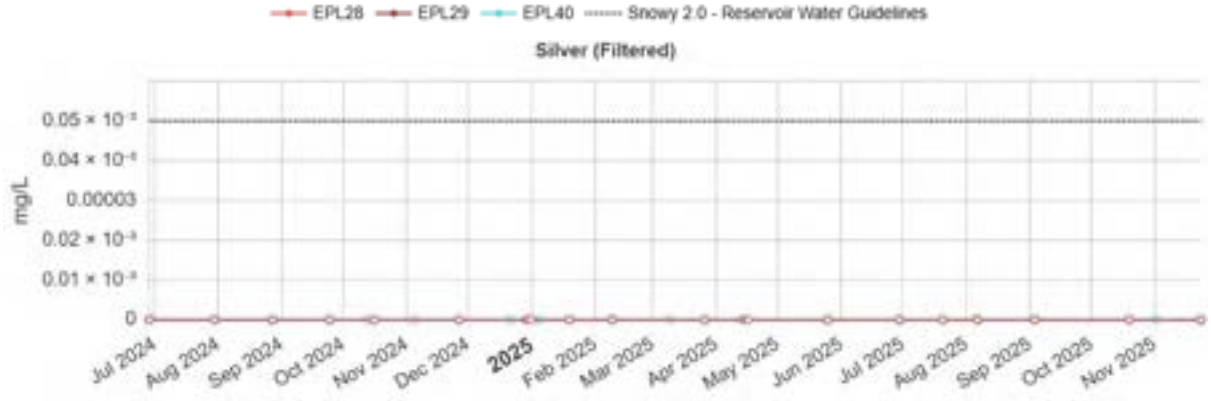

Aluminium (Filtered)
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL68
EPL69
Snowy 2.0 - Groundwater Guidelines
Aluminium
mg/L
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

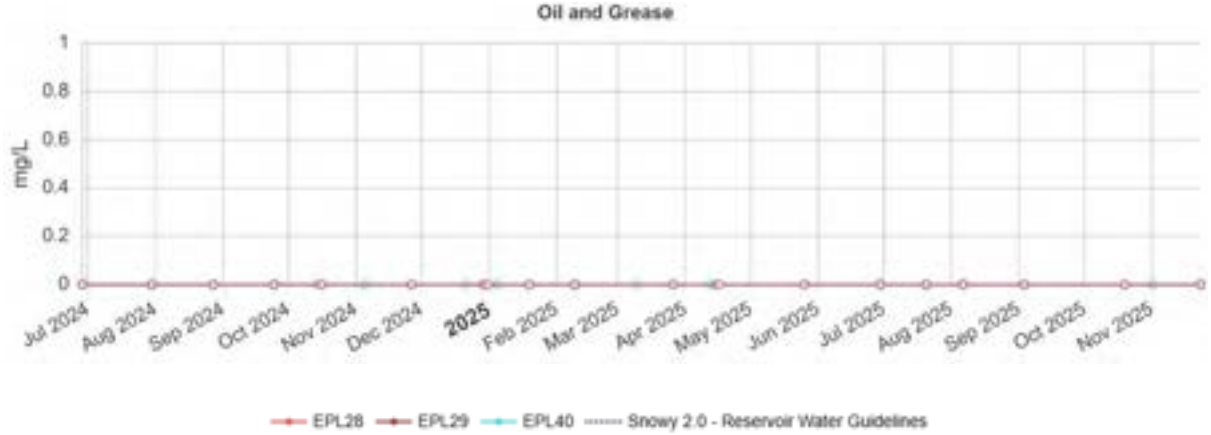
Surface Water

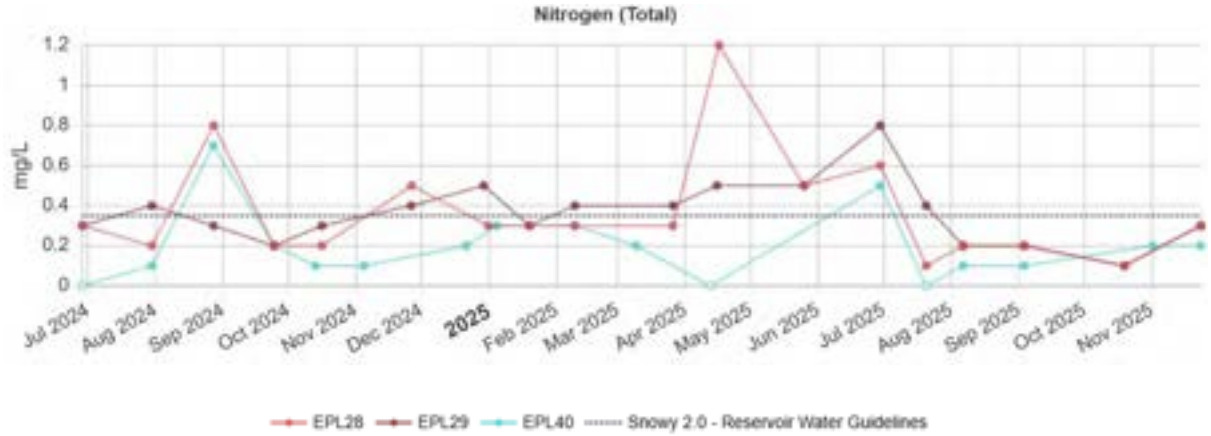
Tantangara Reservoir

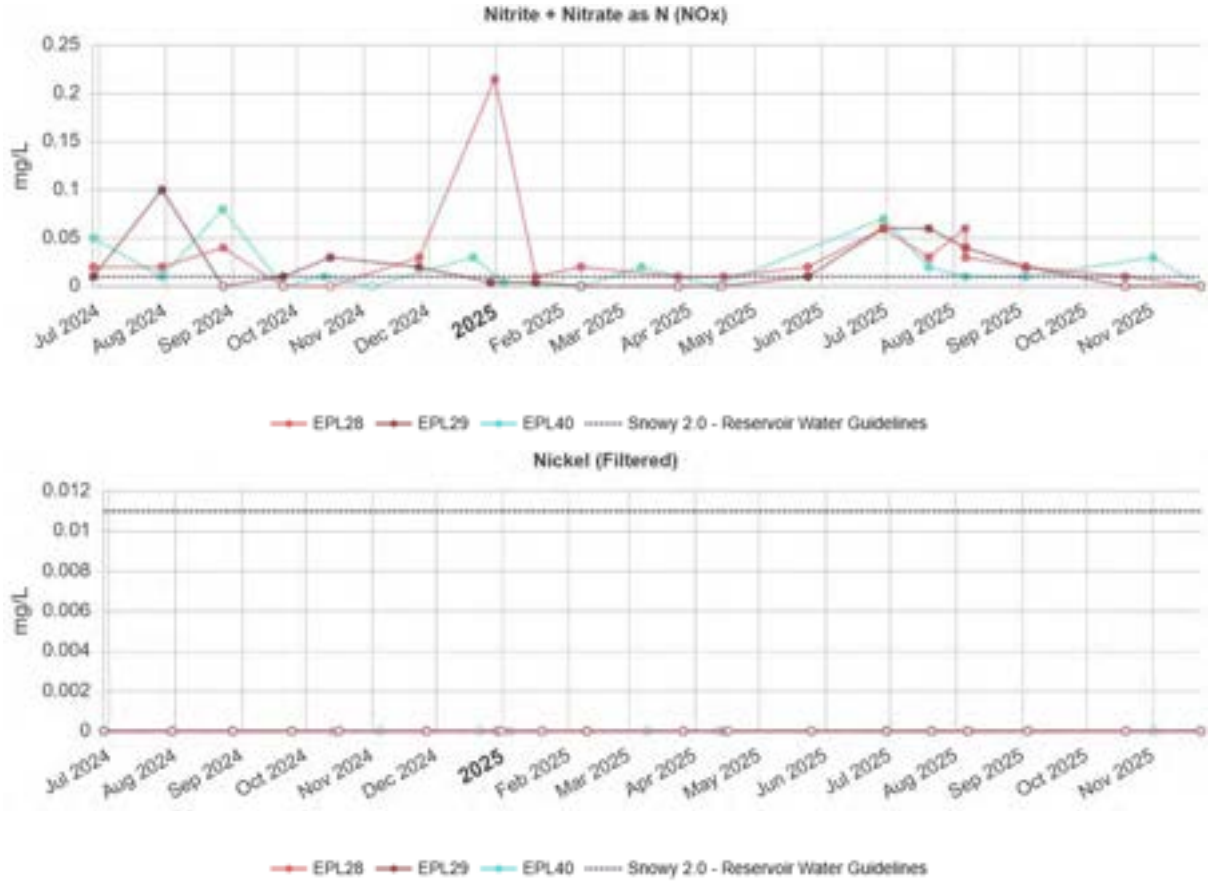


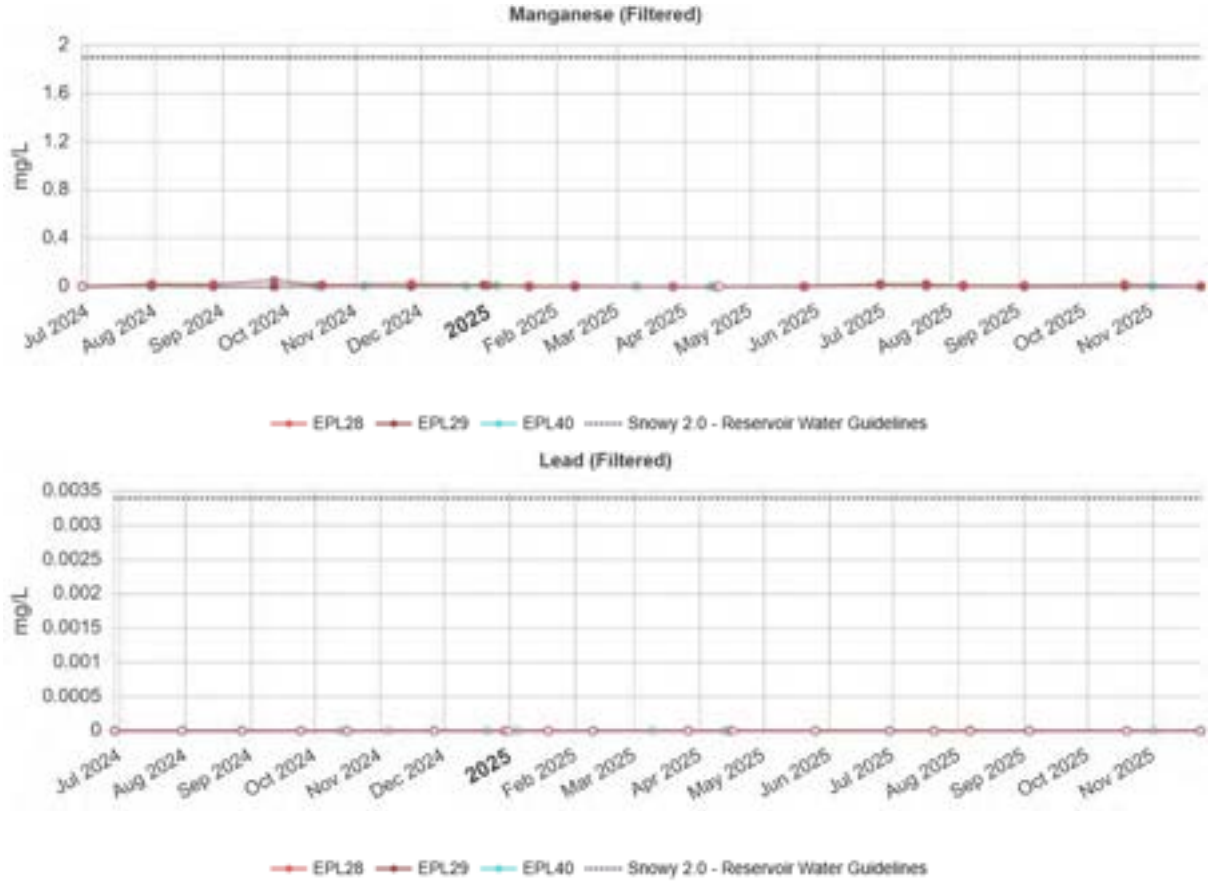


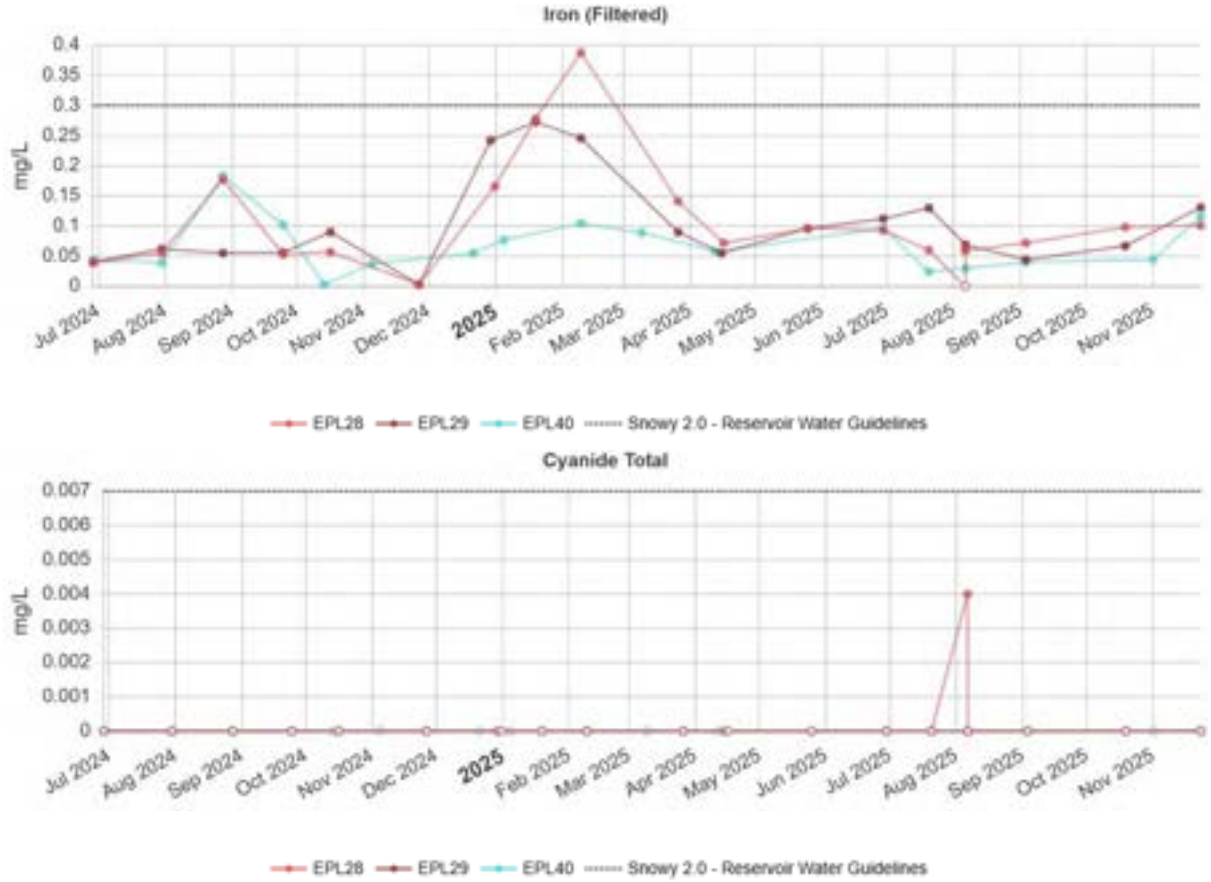
EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines
Reactive Phosphorus (Filtered)
mg/L
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines
Phosphorus (Total)
mg/L
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines

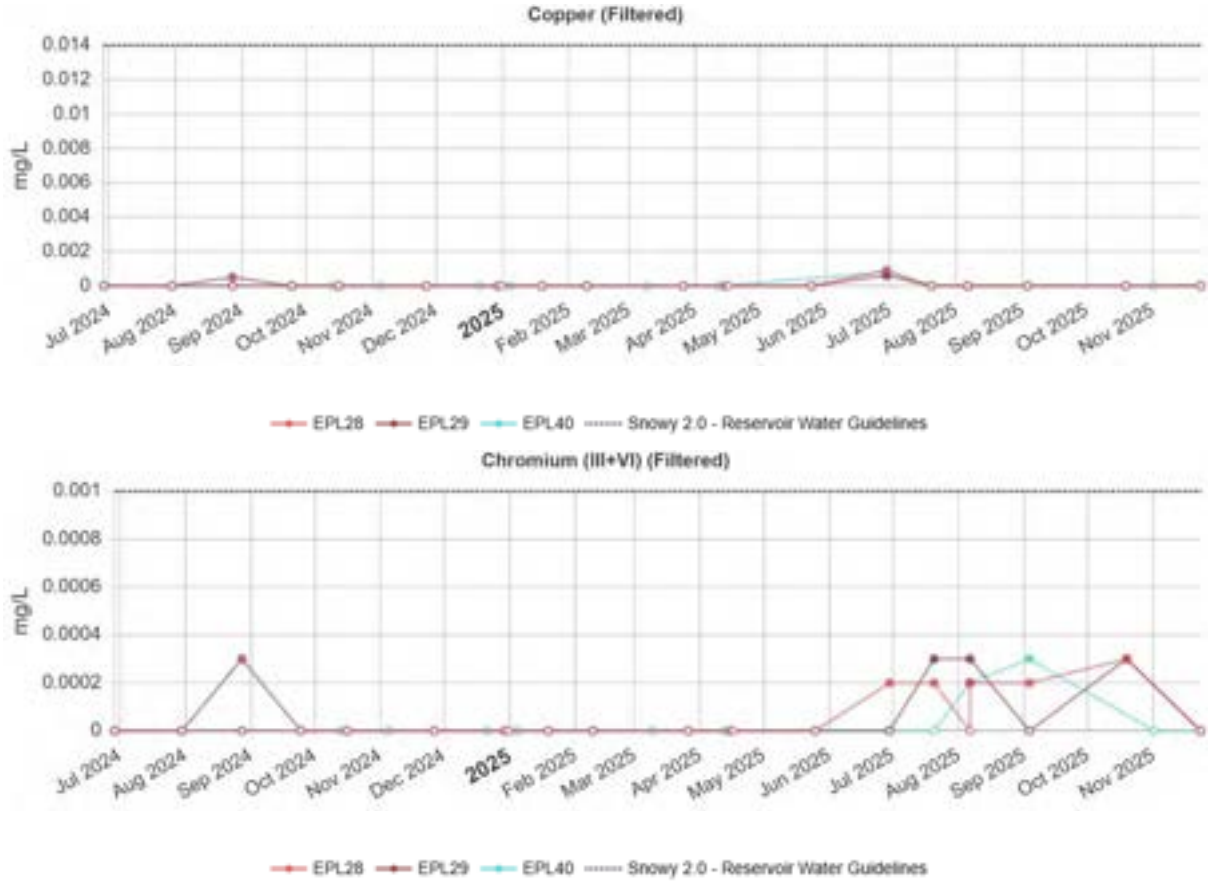

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines

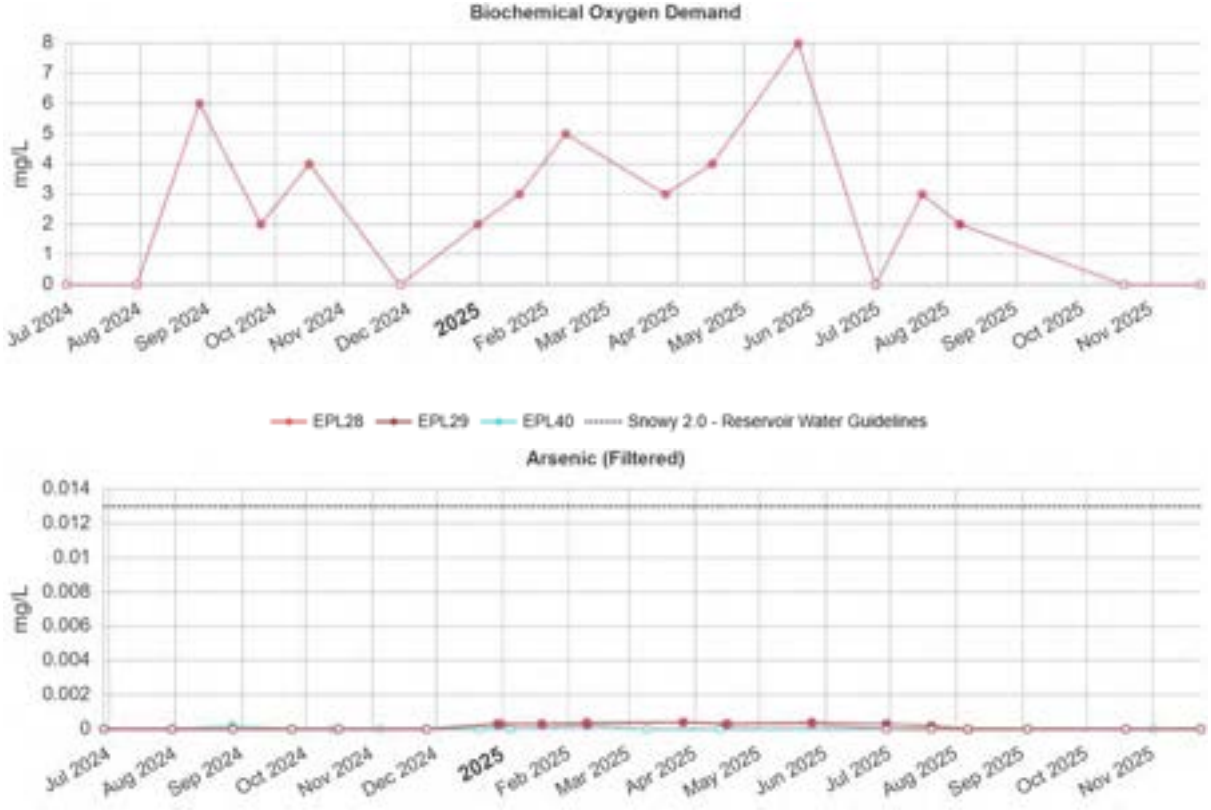

Nitrogen (Total)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines

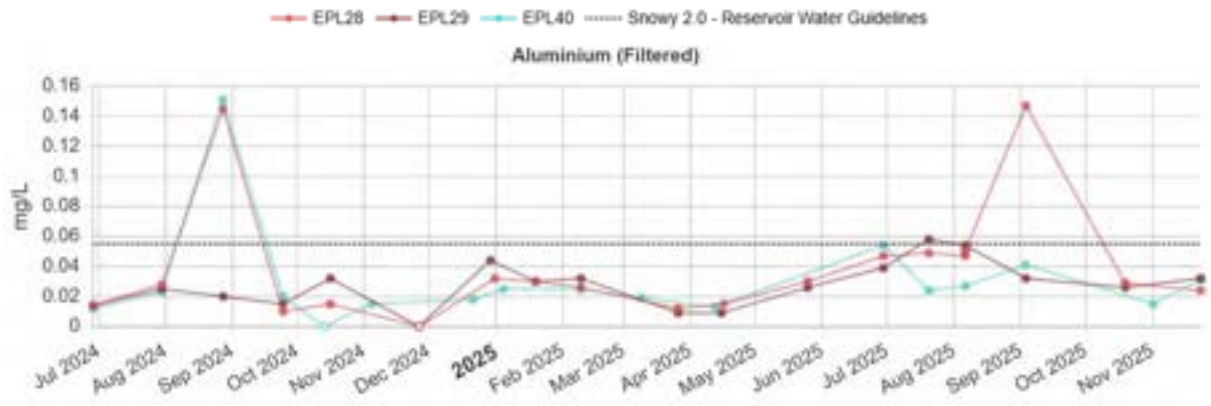

Nitrite + Nitrate as N (NOx)
mg/L
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines
Nickel (Filtered)
mg/L
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines

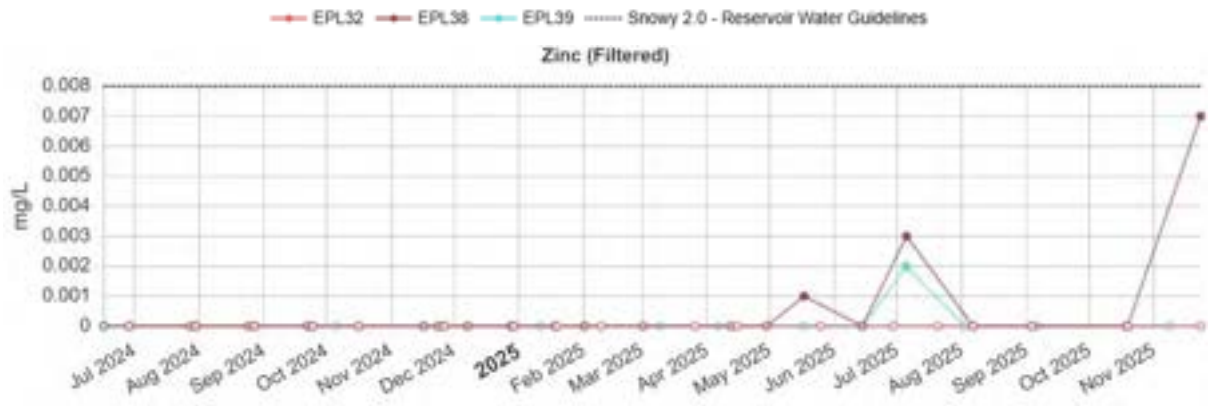

Manganese (Filtered)
mg/L
2
1.6
1.2
0.8
0.4
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines
Lead (Filtered)
mg/L
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines


Iron (Filtered)
mg/L
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines
Cyanide Total
mg/L
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines

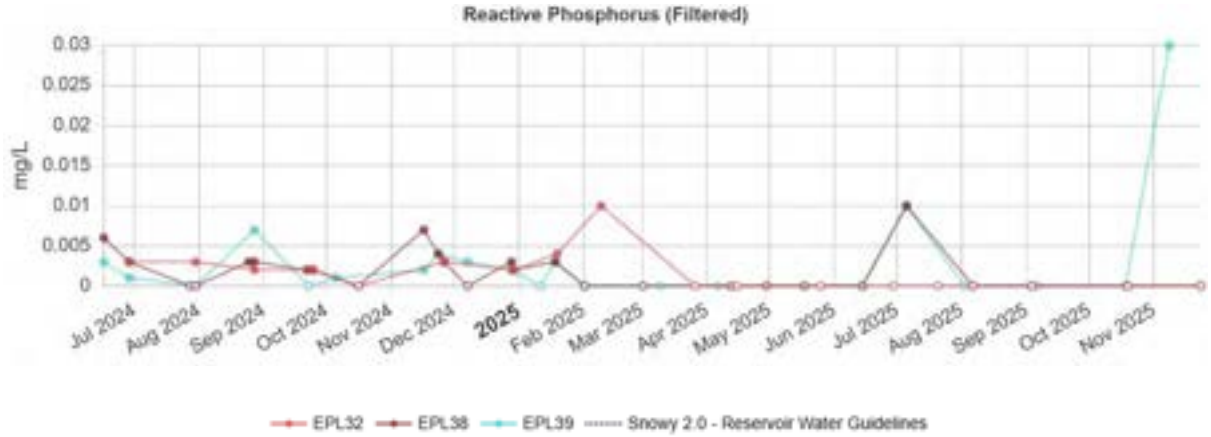

Copper (Filtered)
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines
Chromium (III+VI) (Filtered)
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines

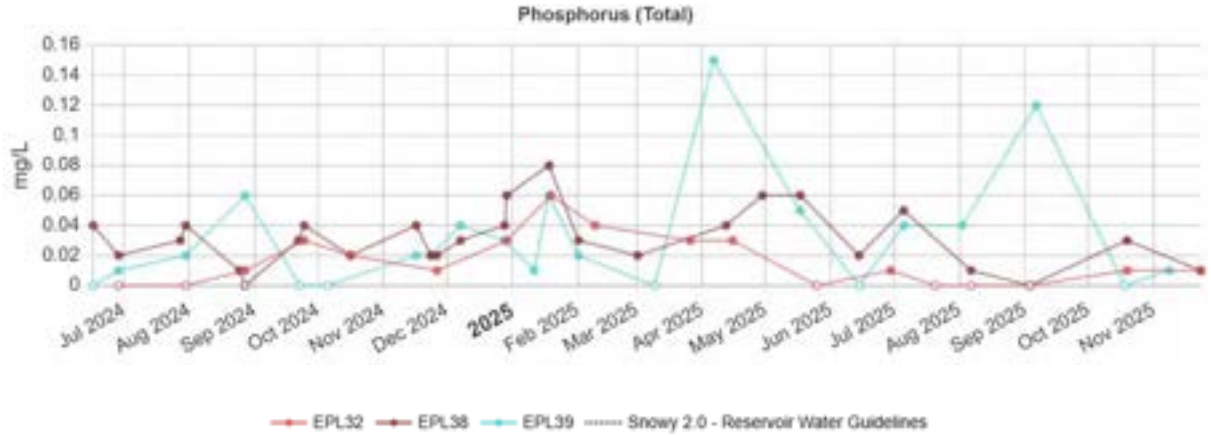

Biochemical Oxygen Demand
mg/L
0
1
2
3
4
5
6
7
8
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines
Arsenic (Filtered)
mg/L
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

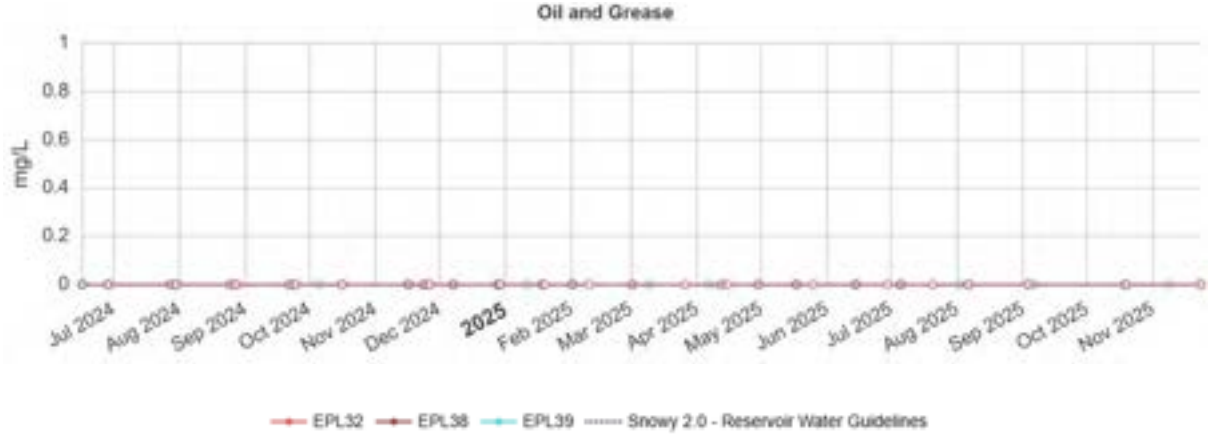

EPL28
EPL29
EPL40
Snowy 2.0 - Reservoir Water Guidelines
Aluminium (Filtered)
mg/L
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

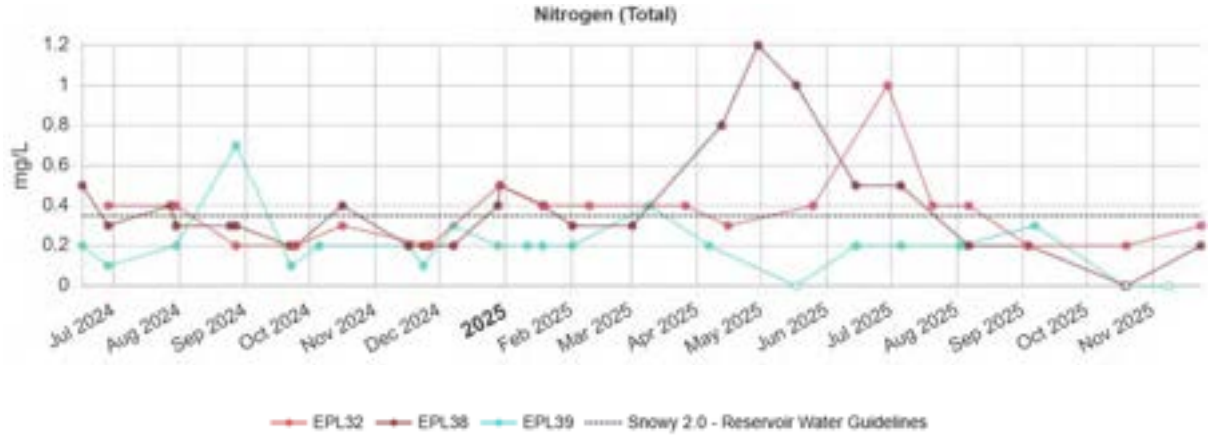

EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines
Zinc (Filtered)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

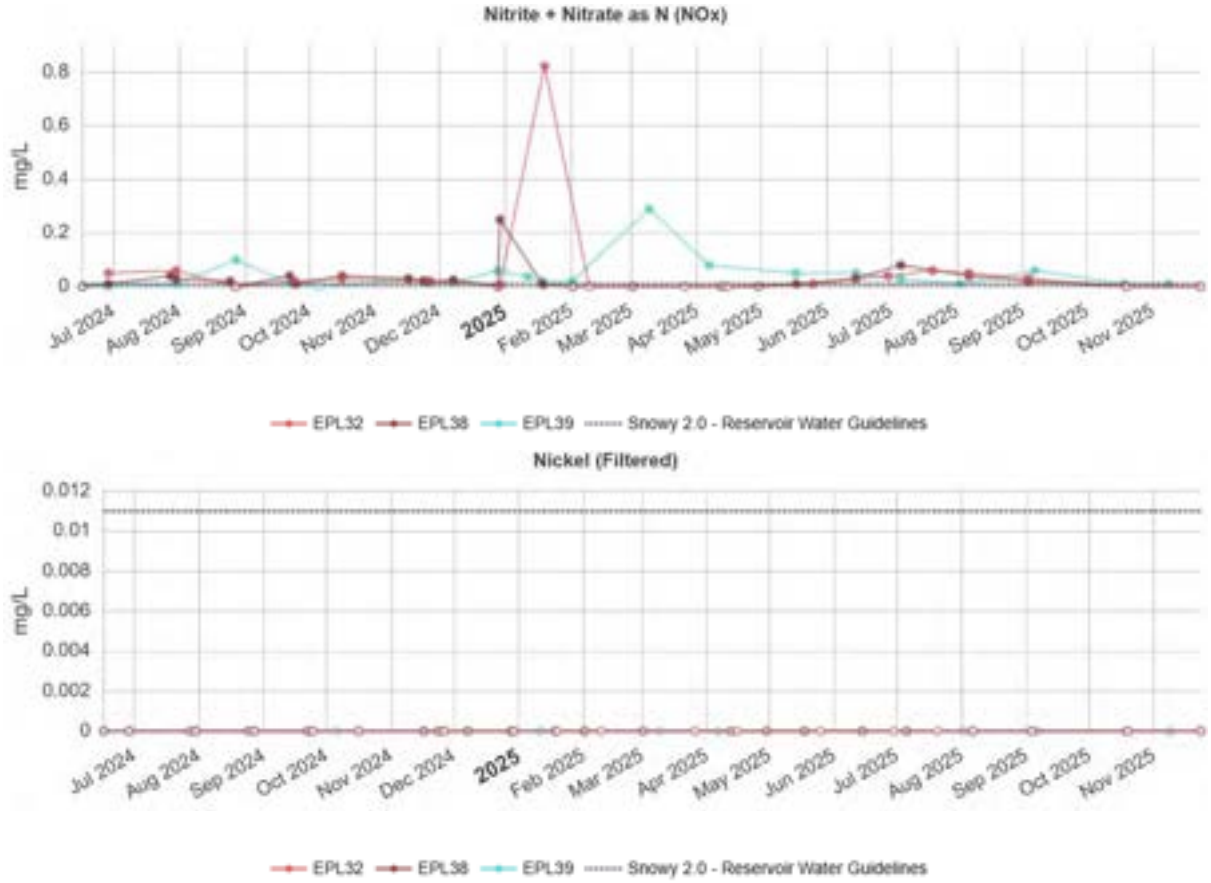
EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines
Silver (Filtered)
mg/L
0.05 × 10⁻³
0.04 × 10⁻³
0.00003
0.02 × 10⁻³
0.01 × 10⁻³
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines

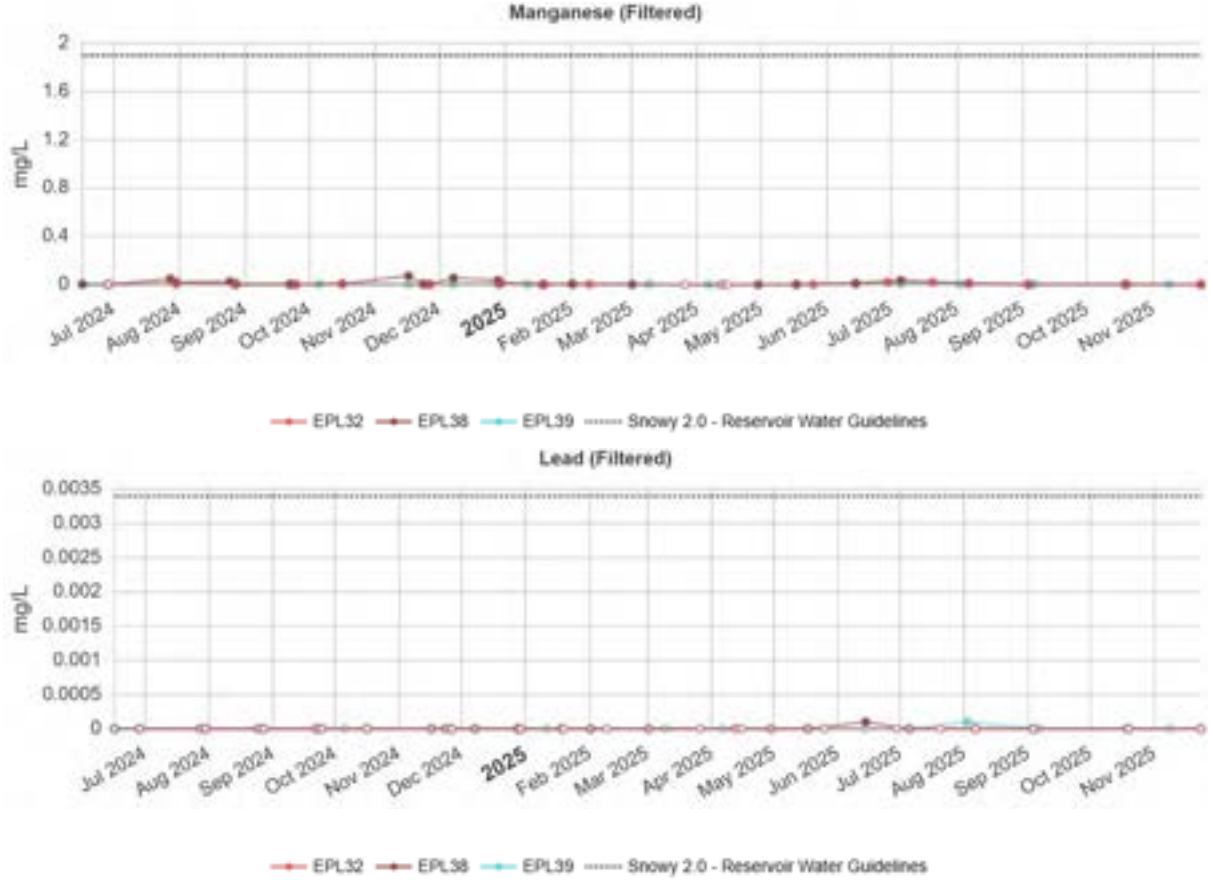

Reactive Phosphorus (Filtered)
mg/L
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines

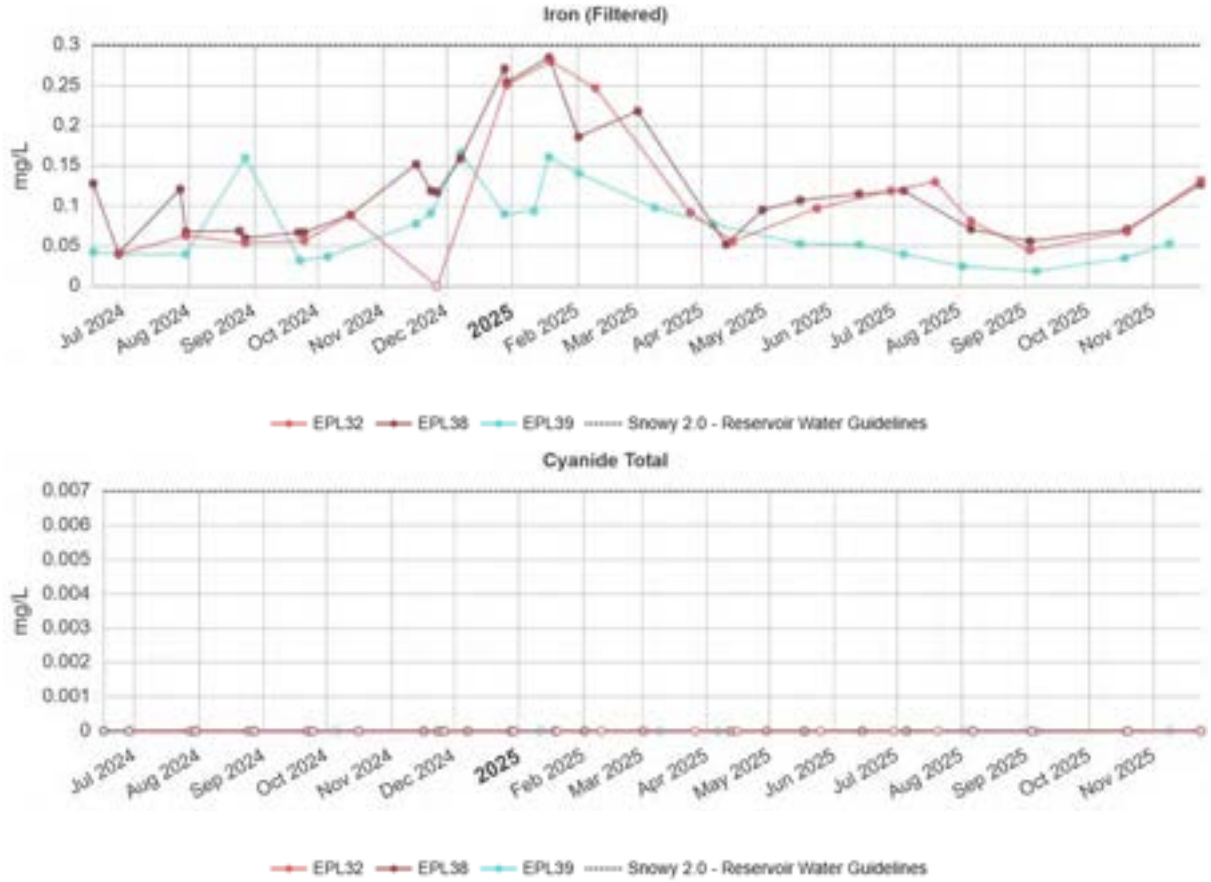

Phosphorus (Total)
mg/L
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines

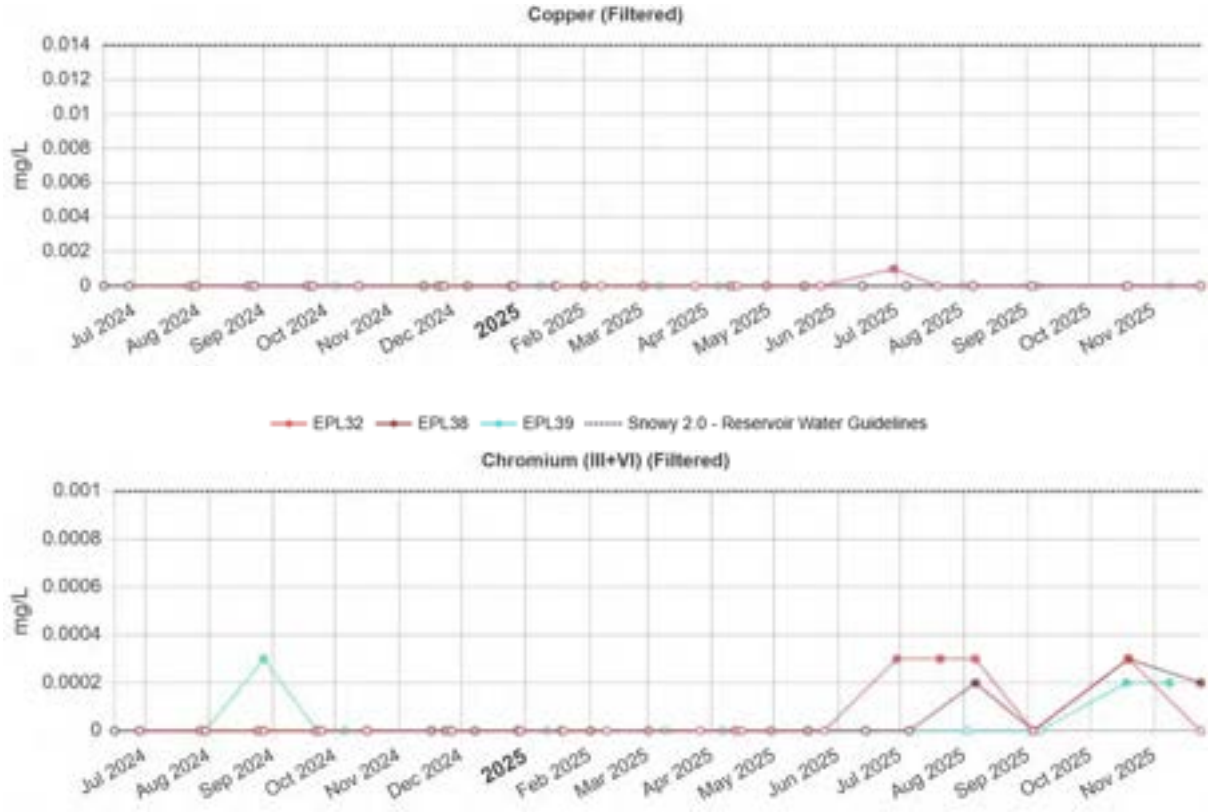

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines

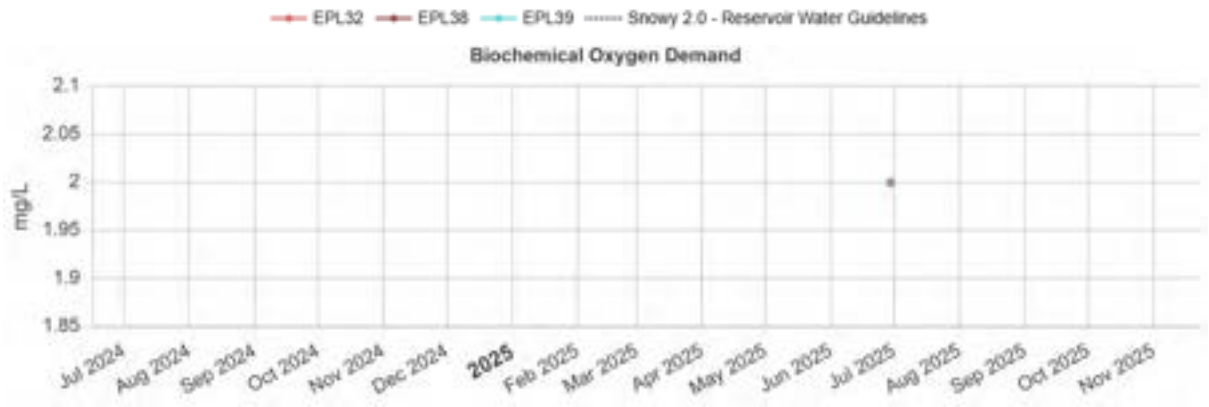

Nitrogen (Total)
mg/L
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines

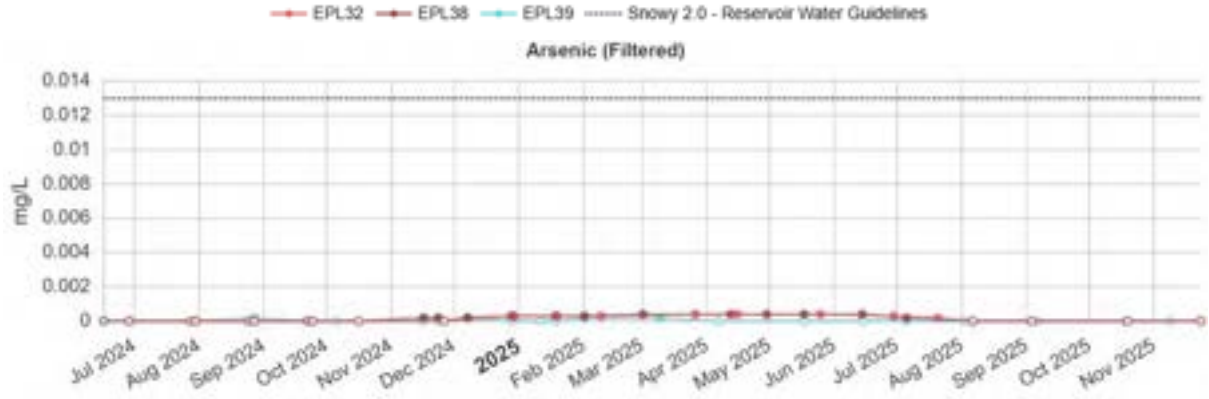

Nitrite + Nitrate as N (NOx)
mg/L
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines
Nickel (Filtered)
mg/L
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines

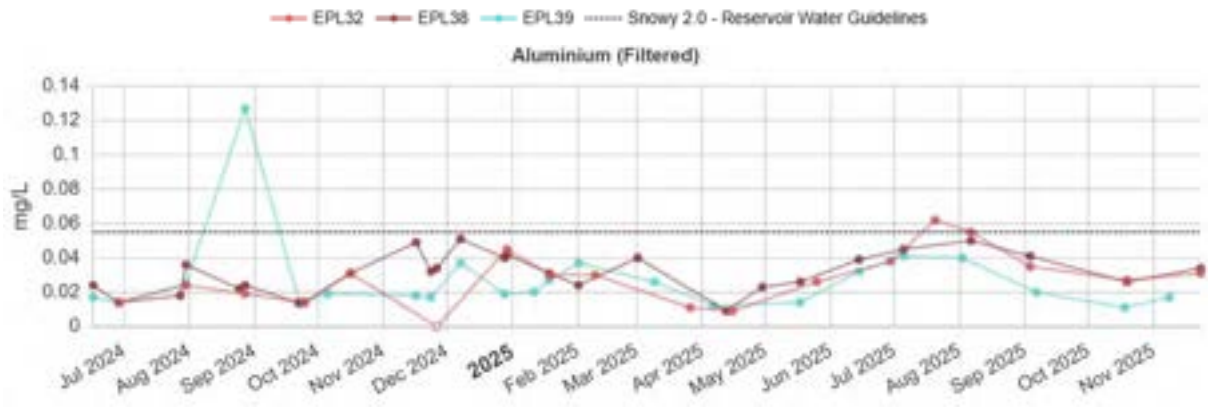

Manganese (Filtered)
mg/L
2
1.6
1.2
0.8
0.4
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines
Lead (Filtered)
mg/L
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines

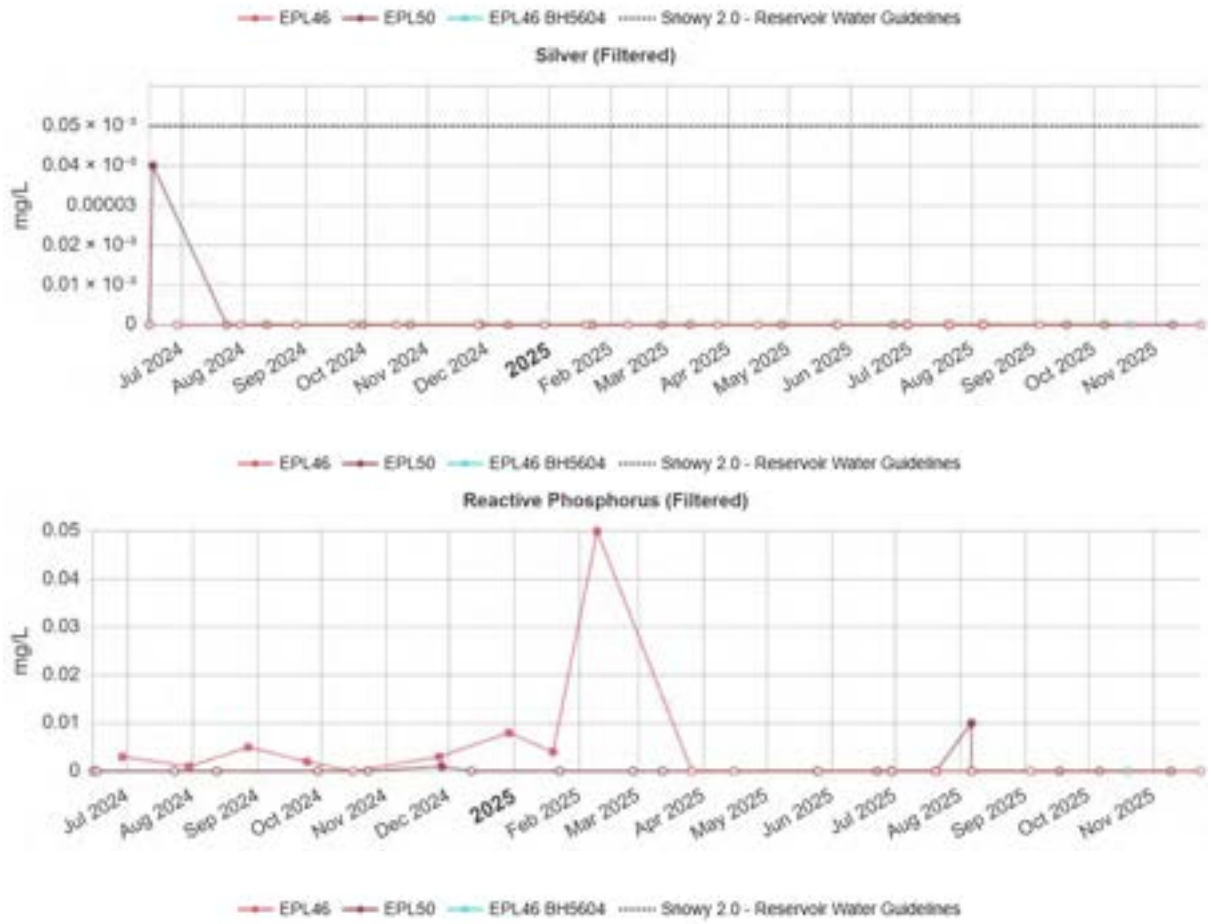

Iron (Filtered)
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines
Cyanide Total
mg/L
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines

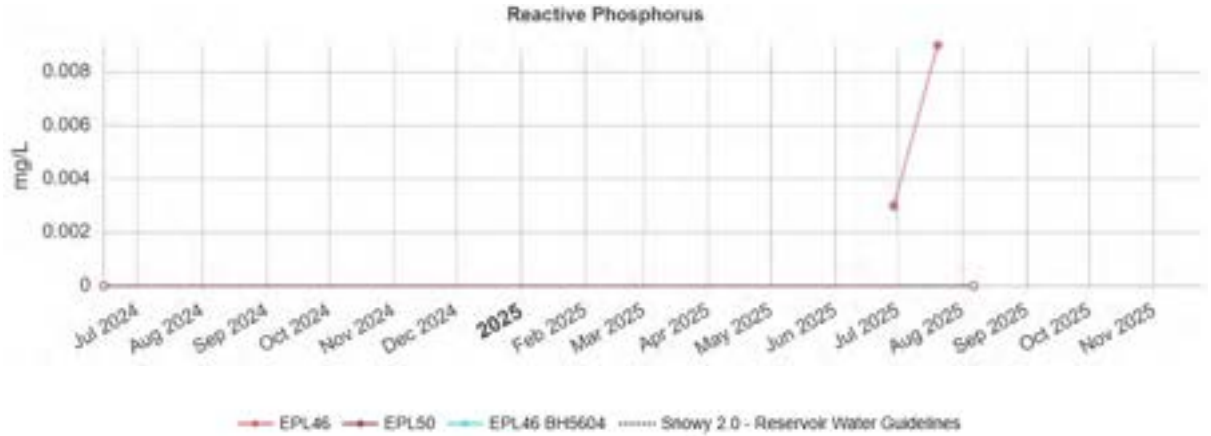

Copper (Filtered)
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines
Chromium (III+VI) (Filtered)
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

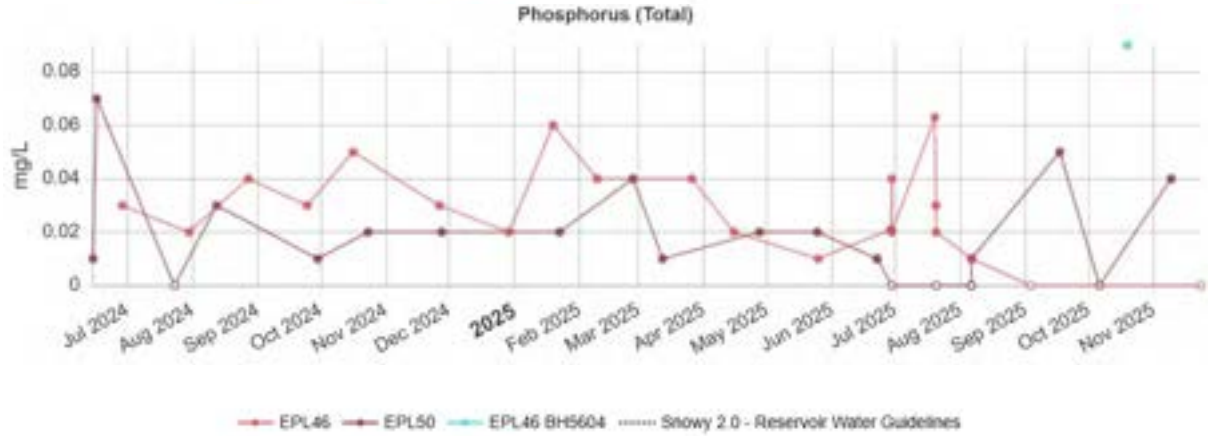

EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines
Biochemical Oxygen Demand
mg/L
2.1
2.05
2
1.95
1.9
1.85
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

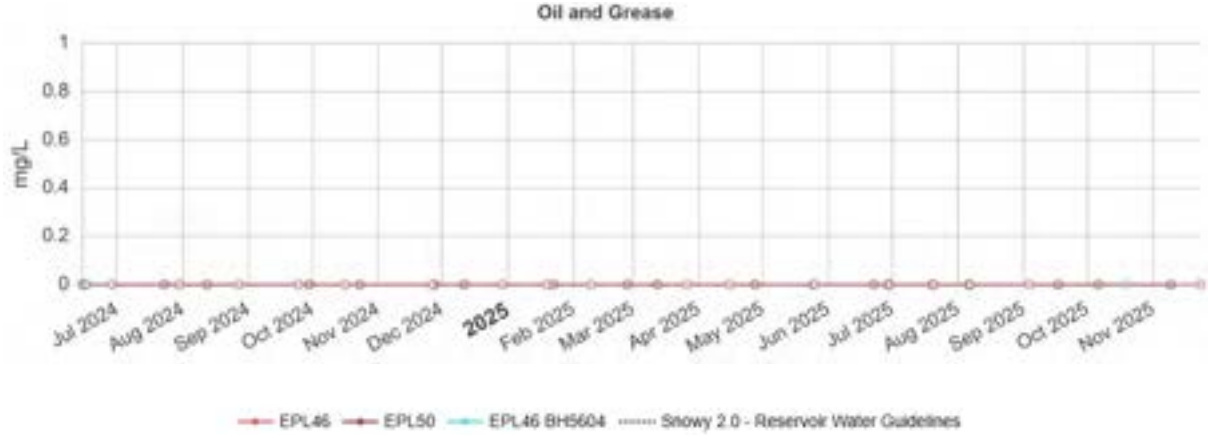

EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines
Arsenic (Filtered)
mg/L
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

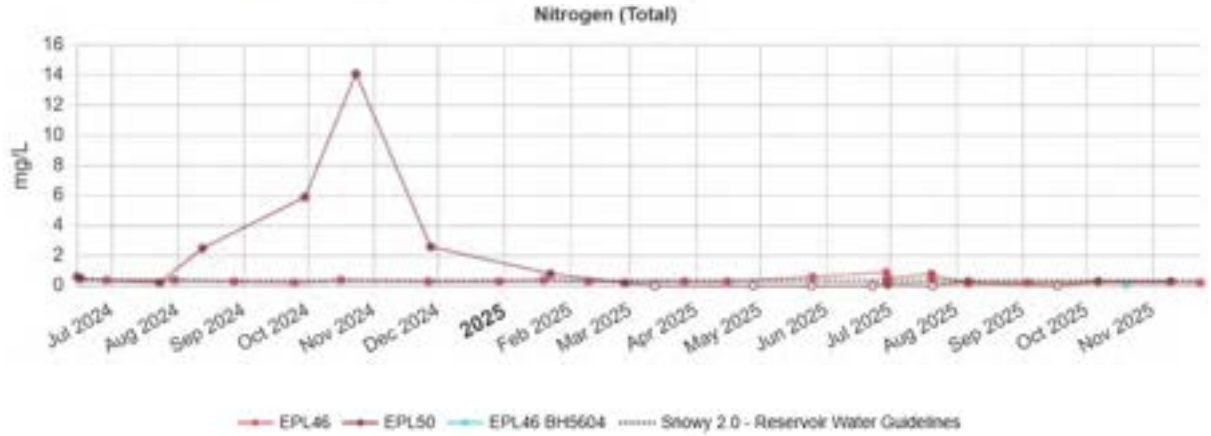

EPL32
EPL38
EPL39
Snowy 2.0 - Reservoir Water Guidelines
Aluminium (Filtered)
mg/L
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

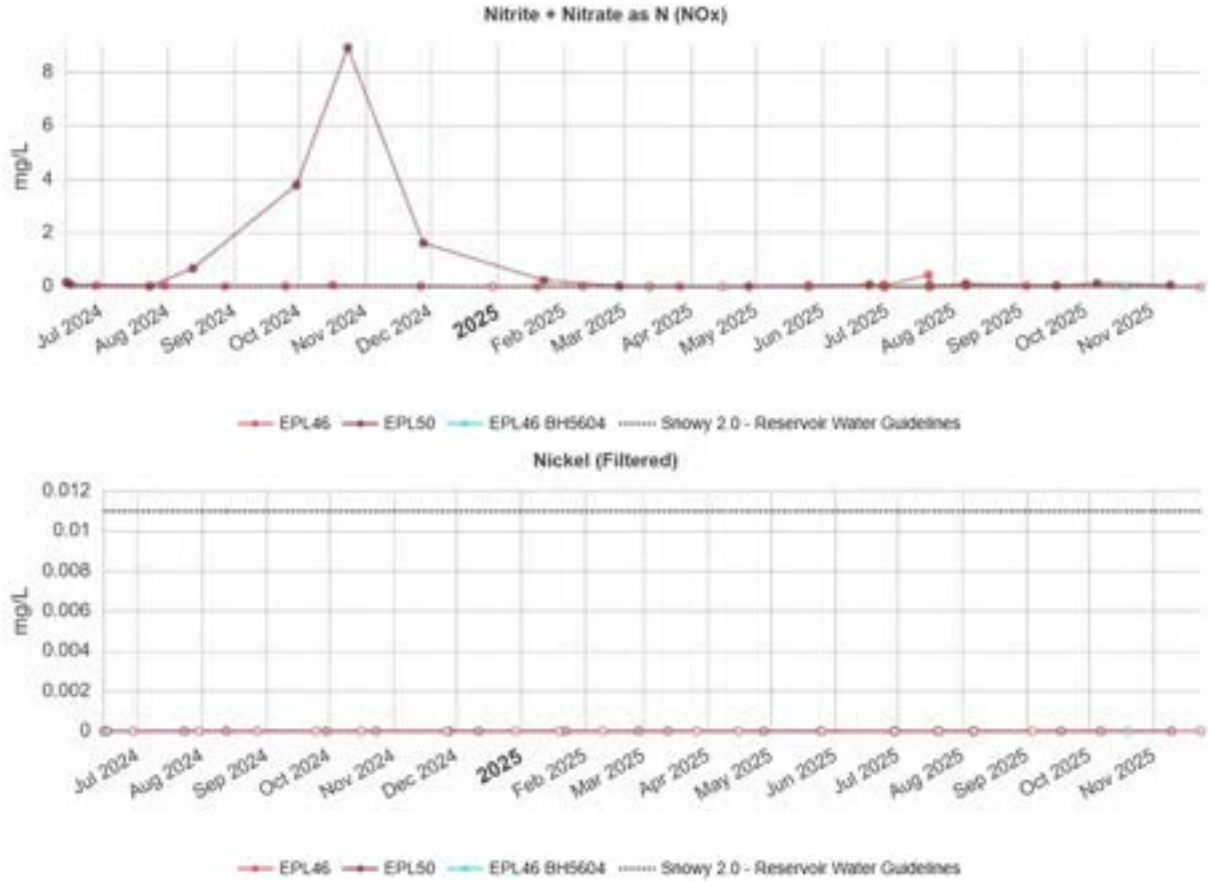

EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines
Silver (Filtered)
mg/L
0.05 × 10⁻³
0.04 × 10⁻³
0.00003
0.02 × 10⁻³
0.01 × 10⁻³
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines
Reactive Phosphorus (Filtered)
mg/L
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines

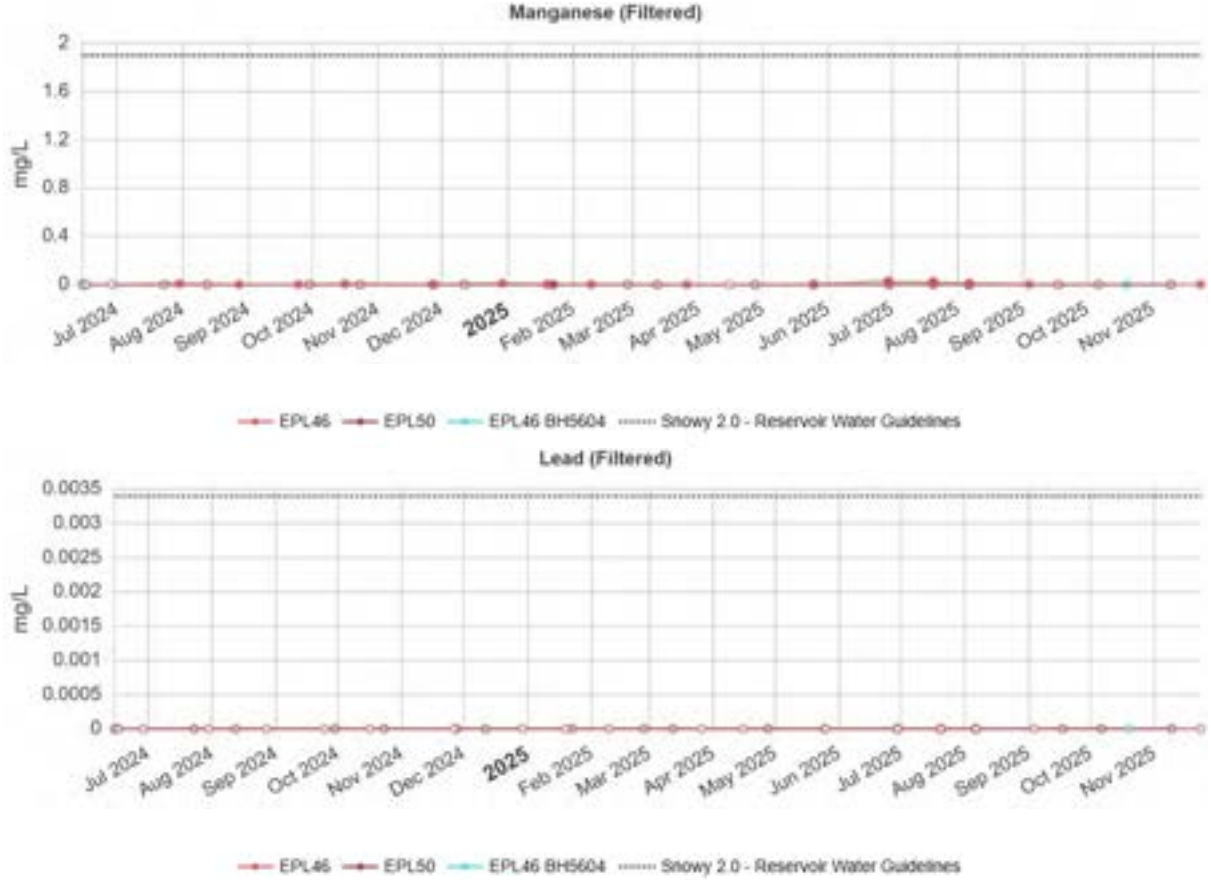

Reactive Phosphorus
mg/L
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines

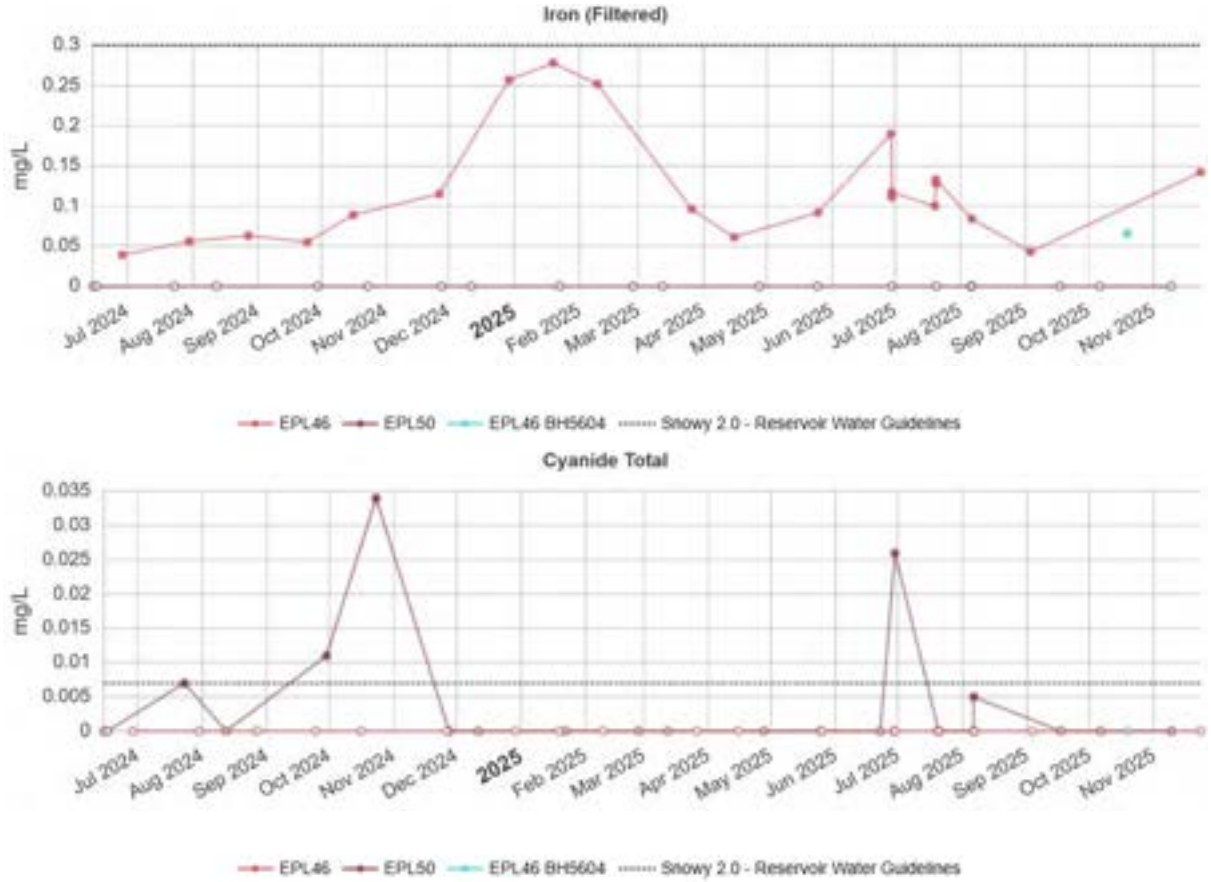

Phosphorus (Total)
mg/L
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines


Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines

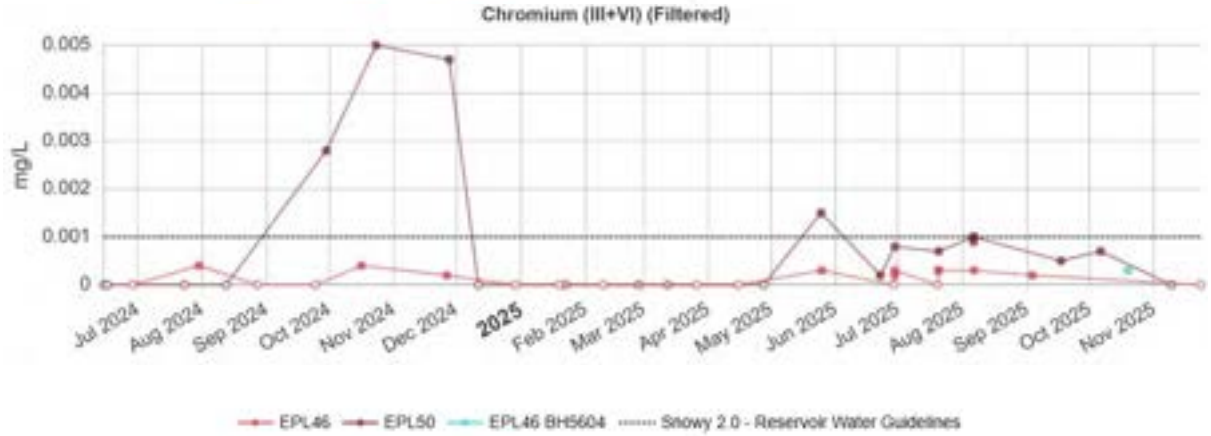

Nitrogen (Total)
mg/L
16
14
12
10
8
6
4
2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines

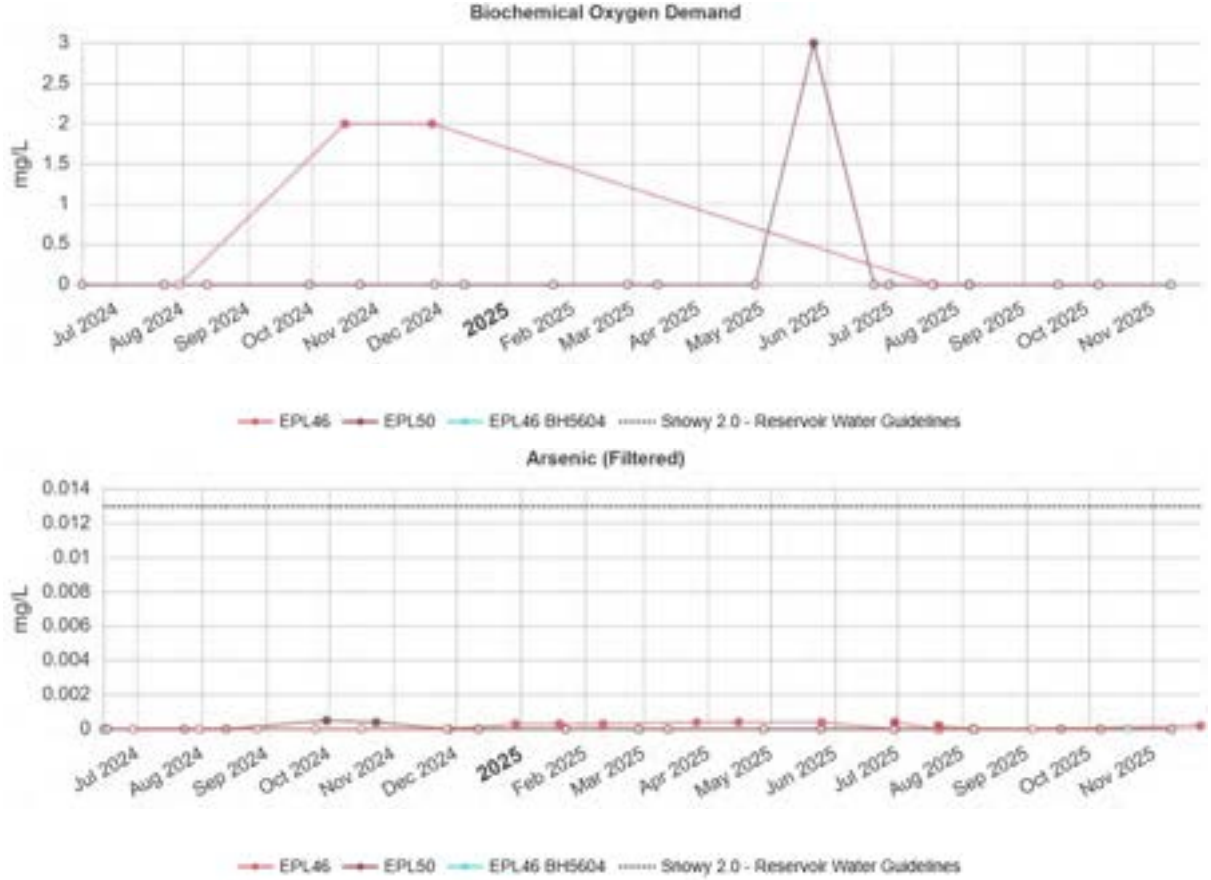

Nitrite + Nitrate as N (NOx)
mg/L
8
6
4
2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines
Nickel (Filtered)
mg/L
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines

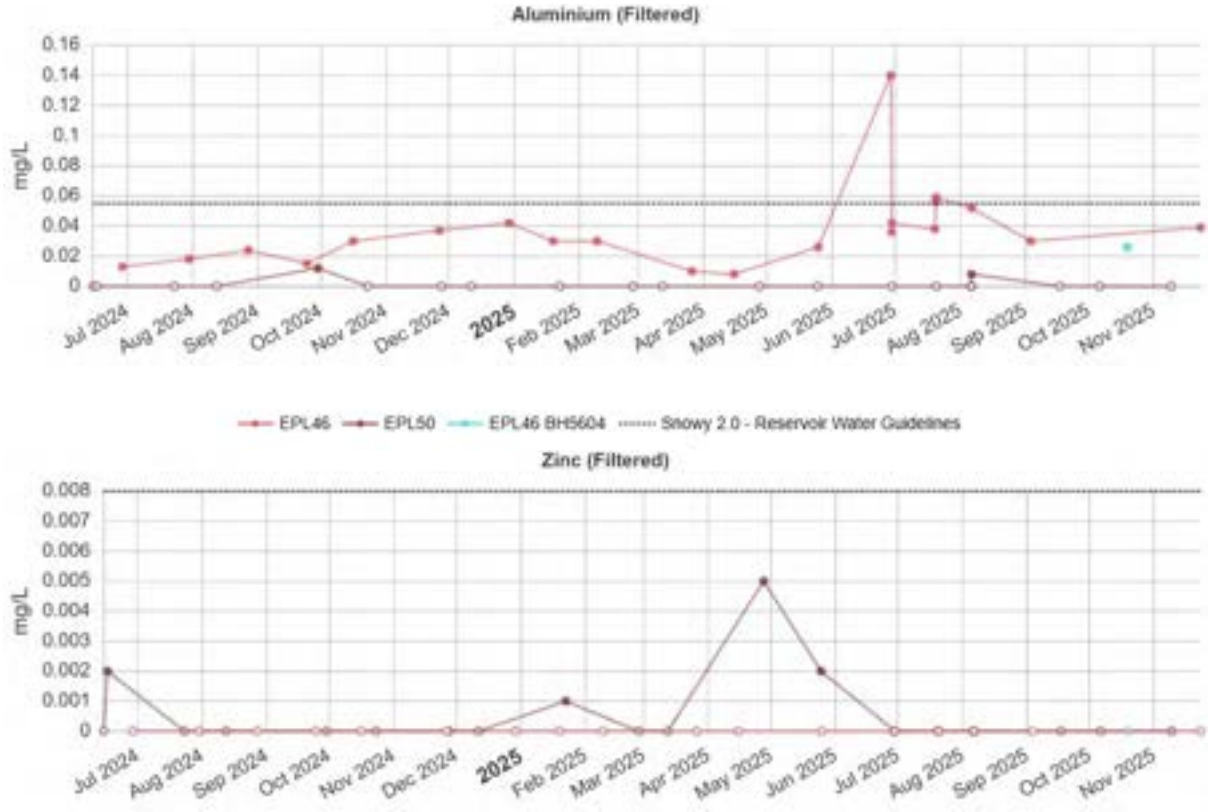

Manganese (Filtered)
mg/L
2
1.6
1.2
0.8
0.4
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines
Lead (Filtered)
mg/L
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines


Iron (Filtered)
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines
Cyanide Total
mg/L
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines

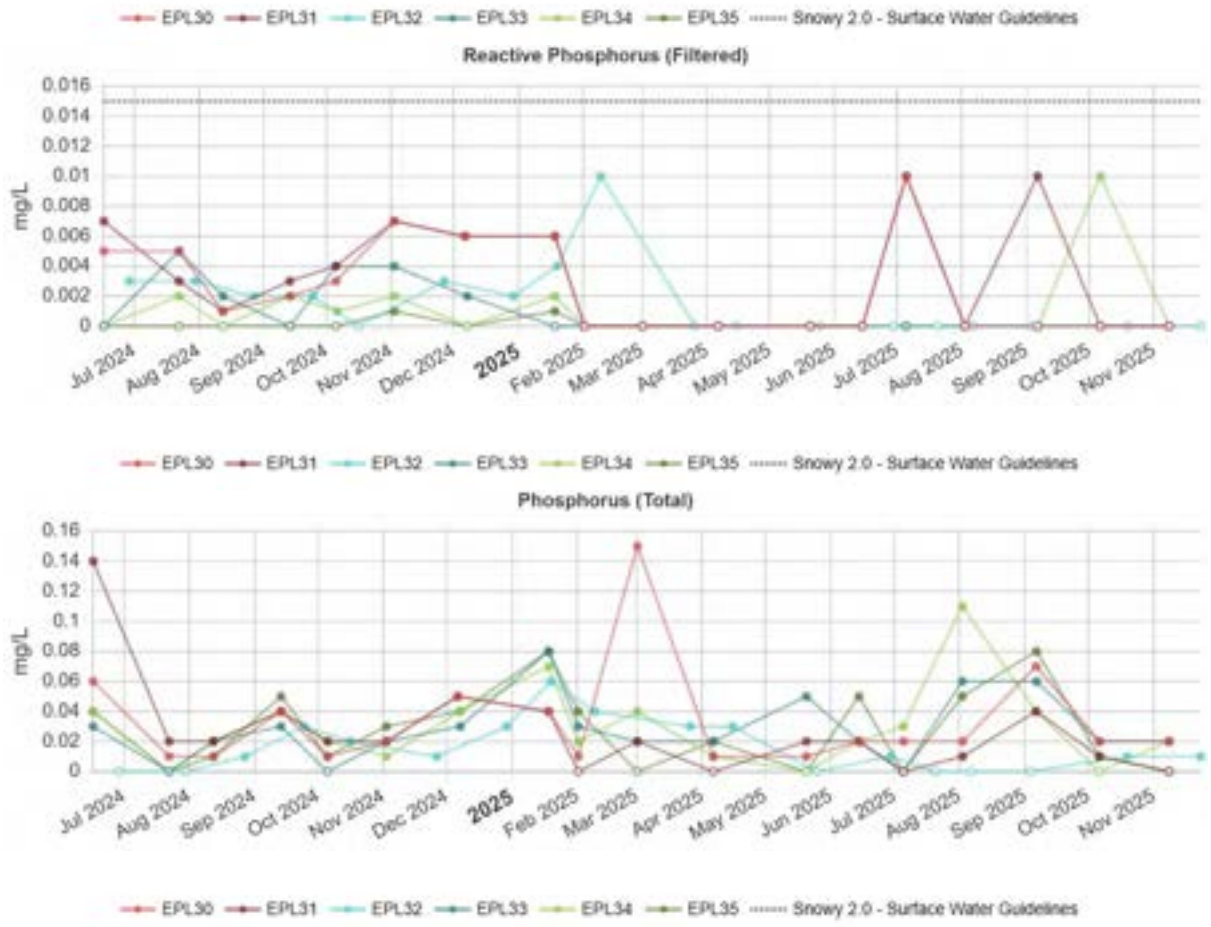
Copper (Filtered)
mg/L
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines

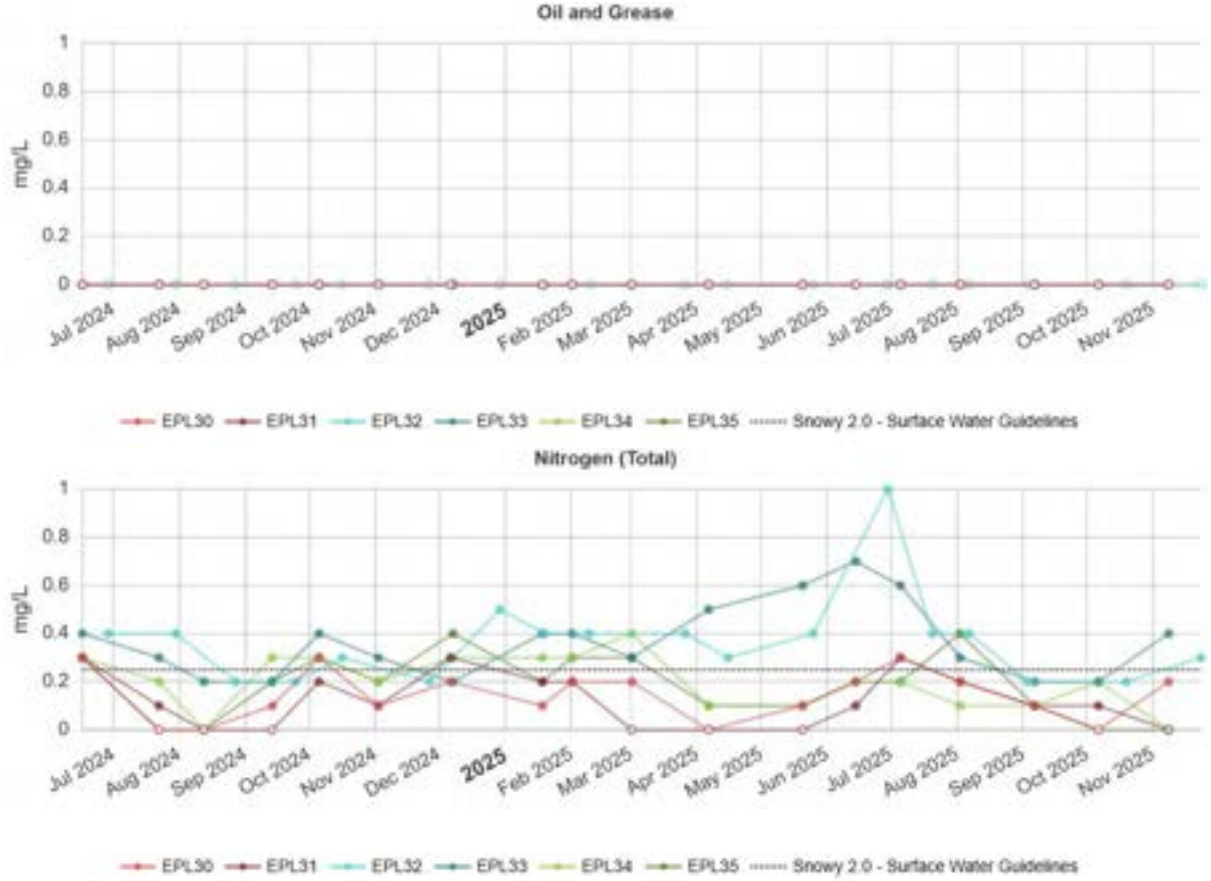

Chromium (III+VI) (Filtered)
mg/L
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines

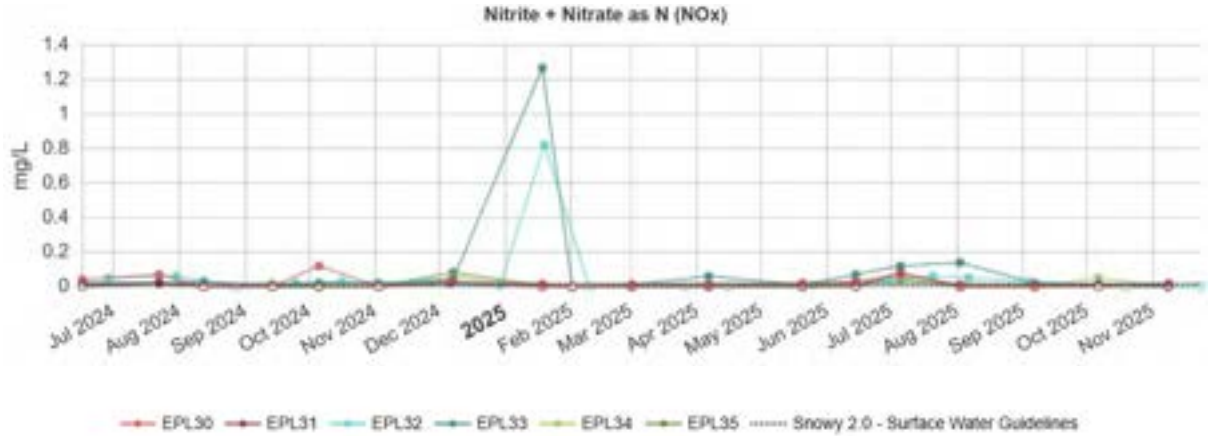

Biochemical Oxygen Demand
mg/L
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines
Arsenic (Filtered)
mg/L
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines

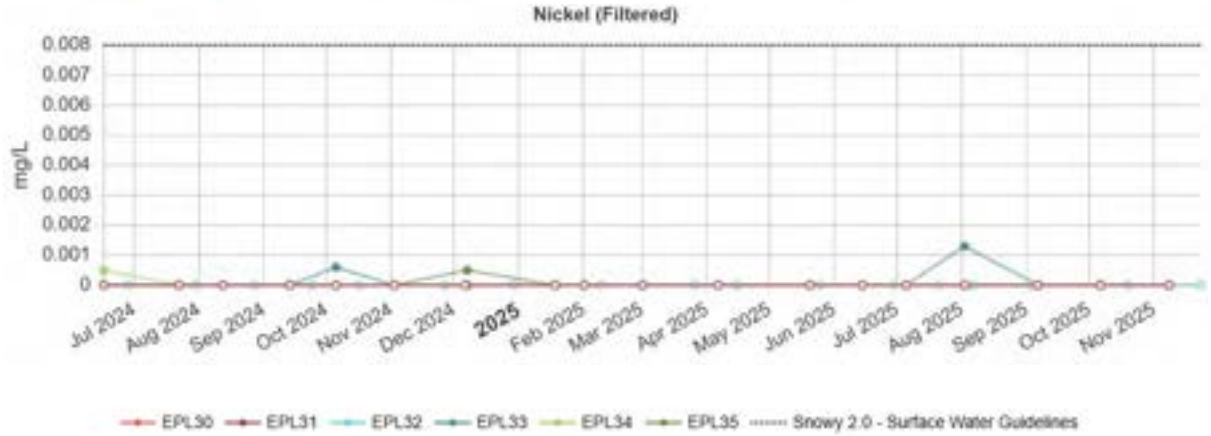

Aluminium (Filtered)
mg/L
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL46
EPL50
EPL46 BH5604
Snowy 2.0 - Reservoir Water Guidelines
Zinc (Filtered)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

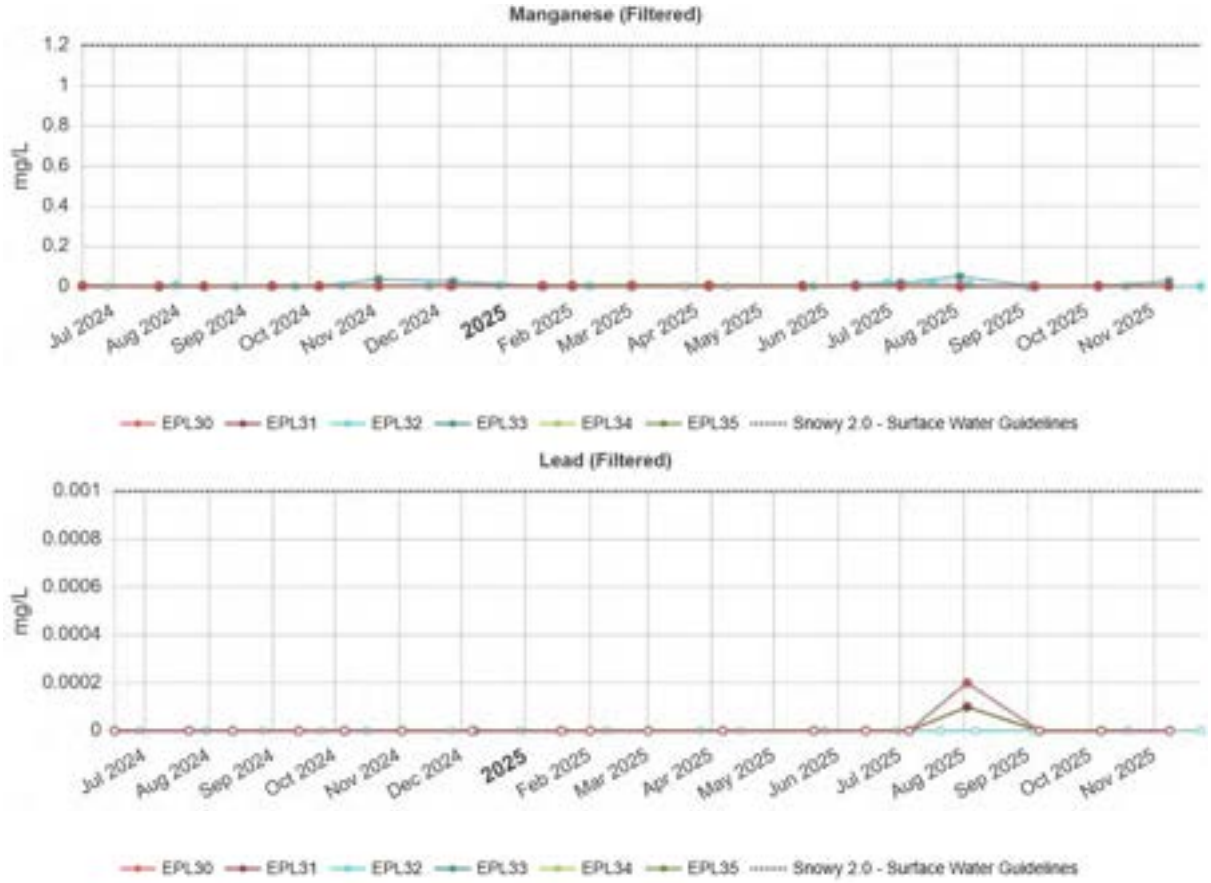
Surface Water


EPL30
EPL31
EPL32
EPL33
EPL34
EPL35
Snowy 2.0 - Surface Water Guidelines
Reactive Phosphorus (Filtered)
mg/L
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL30
EPL31
EPL32
EPL33
EPL34
EPL35
Snowy 2.0 - Surface Water Guidelines
Phosphorus (Total)
mg/L
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL30
EPL31
EPL32
EPL33
EPL34
EPL35
Snowy 2.0 - Surface Water Guidelines


Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL30
EPL31
EPL32
EPL33
EPL34
EPL35
Snowy 2.0 - Surface Water Guidelines
Nitrogen (Total)
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL30
EPL31
EPL32
EPL33
EPL34
EPL35
Snowy 2.0 - Surface Water Guidelines


Nitrite + Nitrate as N (NOx)
mg/L
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL30
EPL31
EPL32
EPL33
EPL34
EPL35
Snowy 2.0 - Surface Water Guidelines


Nickel (Filtered)
mg/L
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL30
EPL31
EPL32
EPL33
EPL34
EPL35
Snowy 2.0 - Surface Water Guidelines


Manganese (Filtered)
1.2
1
0.8
0.6
0.4
0.2
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL30
EPL31
EPL32
EPL33
EPL34
EPL35
Snowy 2.0 - Surface Water Guidelines
Lead (Filtered)
0.001
0.0008
0.0006
0.0004
0.0002
0
mg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
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Nov 2025
EPL30
EPL31
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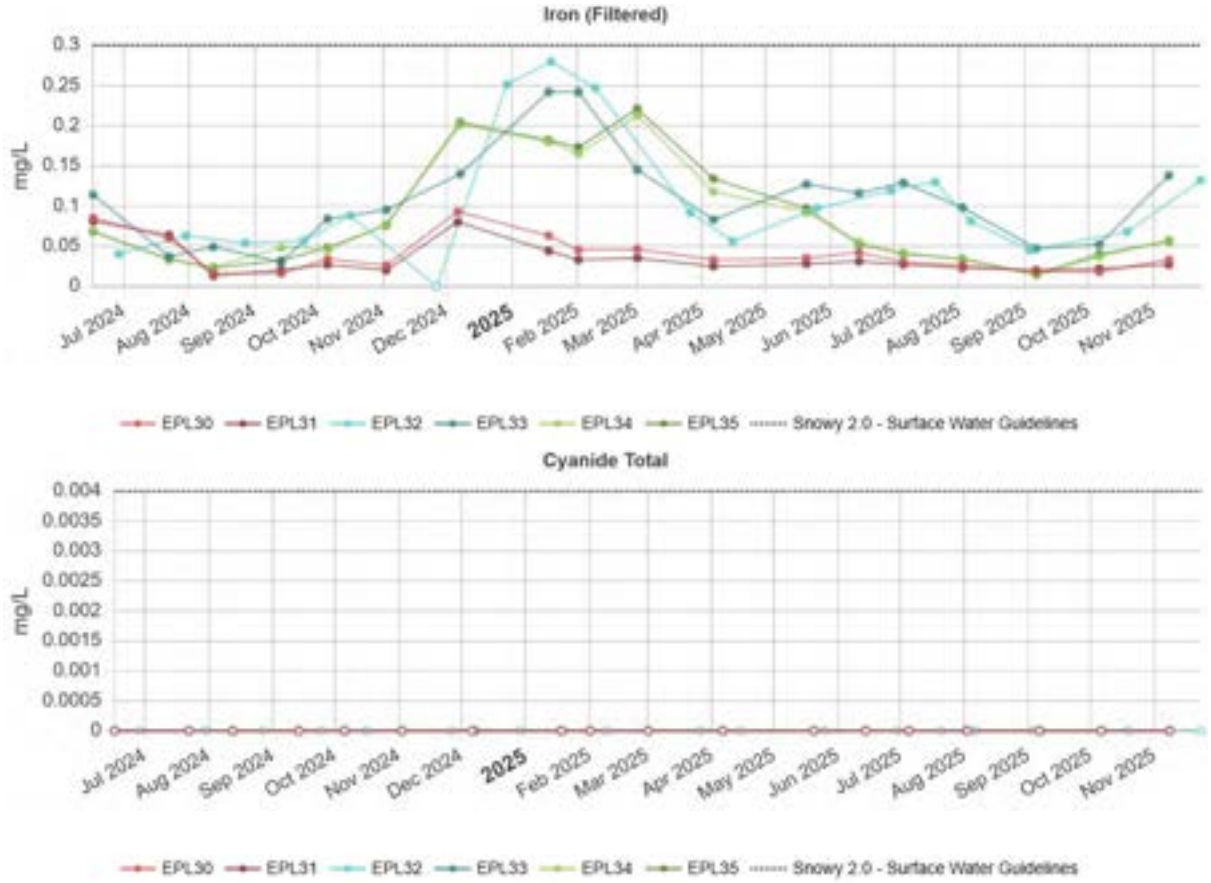
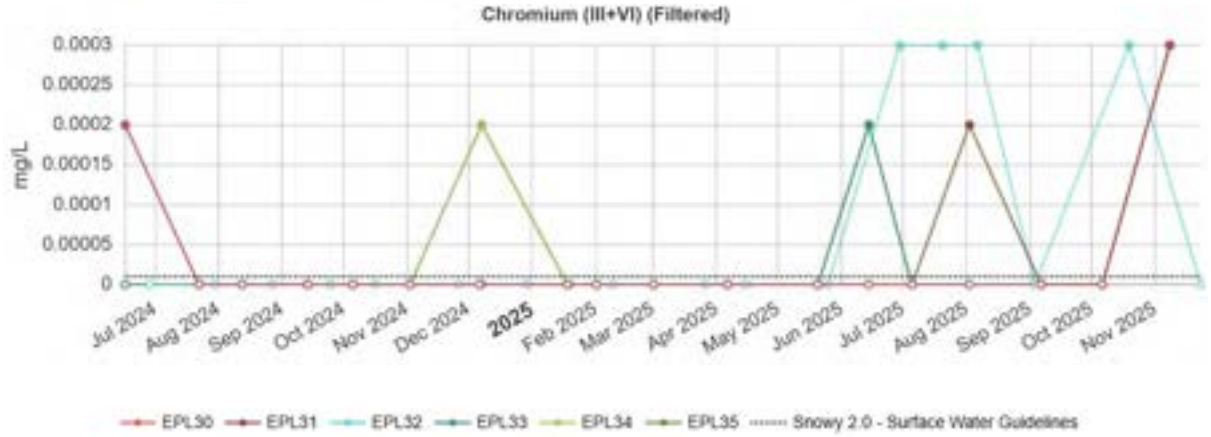
EPL33
EPL34
EPL35
Snowy 2.0 - Surface Water Guidelines

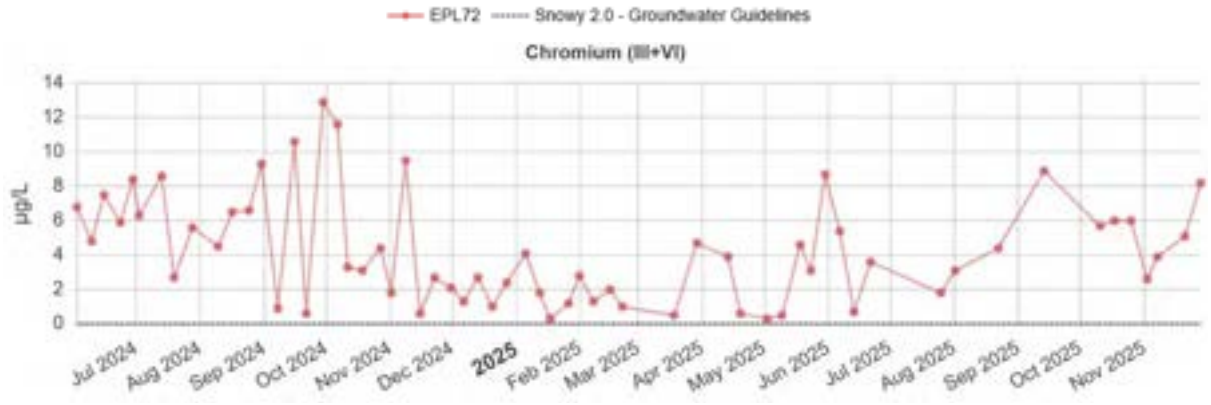

Iron (Filtered)
mg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL30
EPL31
EPL32
EPL33
EPL34
EPL35
Snowy 2.0 - Surface Water Guidelines
Cyanide Total
mg/L
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL30
EPL31
EPL32
EPL33
EPL34
EPL35
Snowy 2.0 - Surface Water Guidelines

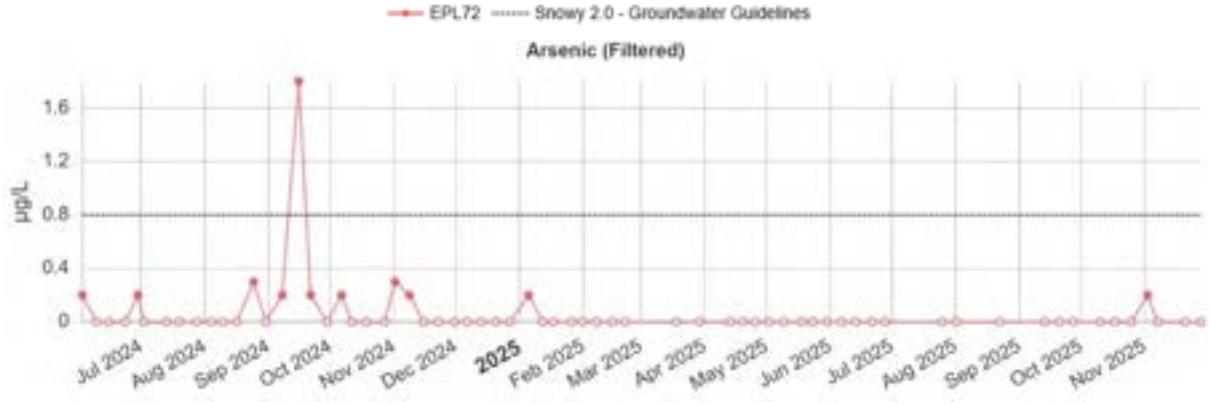
Copper (Filtered)
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL30
EPL31
EPL32
EPL33
EPL34
EPL35
Snowy 2.0 - Surface Water Guidelines

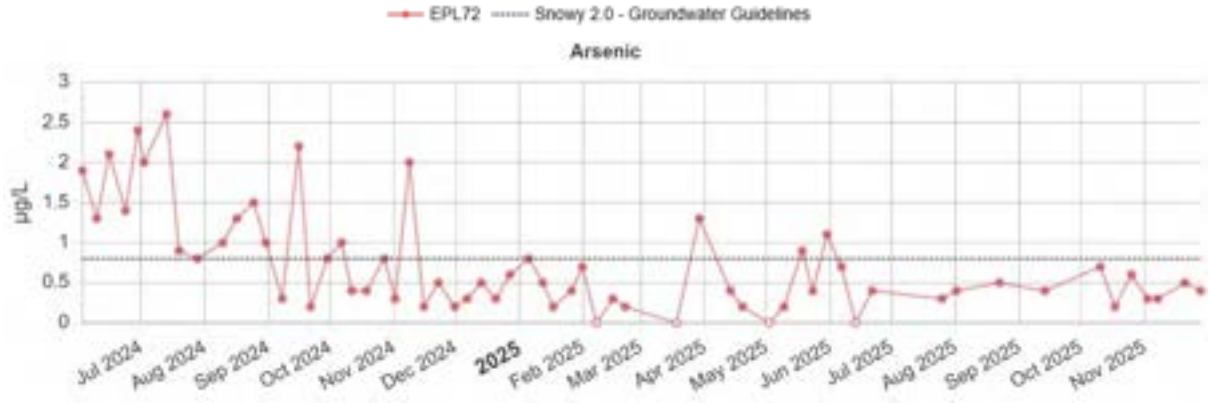

Chromium (III+VI) (Filtered)
mg/L
0.0003
0.00025
0.0002
0.00015
0.0001
0.00005
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL30
EPL31
EPL32
EPL33
EPL34
EPL35
Snowy 2.0 - Surface Water Guidelines

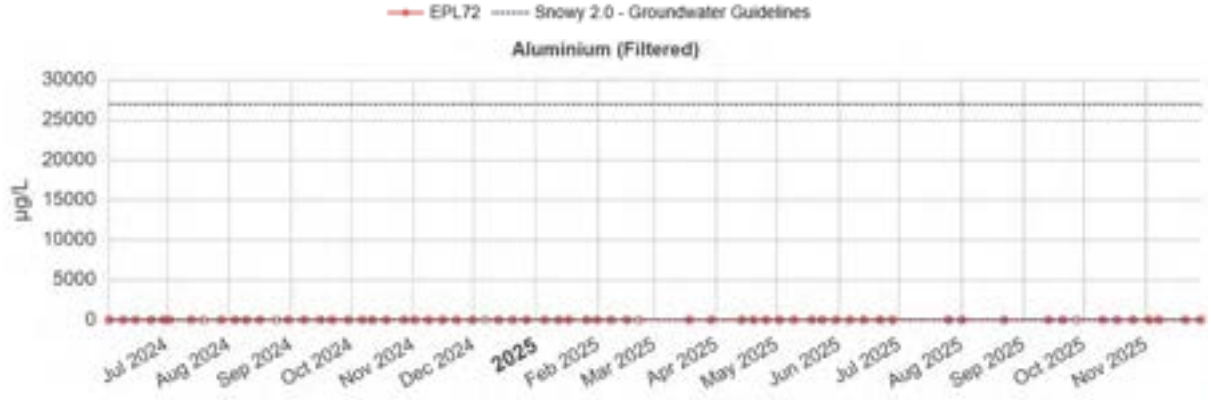
Arsenic (Filtered)
mg/L
0.0008
0.0007
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL30
EPL31
EPL32
EPL33
EPL34
EPL35
Snowy 2.0 - Surface Water Guidelines
Aluminium (Filtered)
mg/L
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

Marica
Groundwater



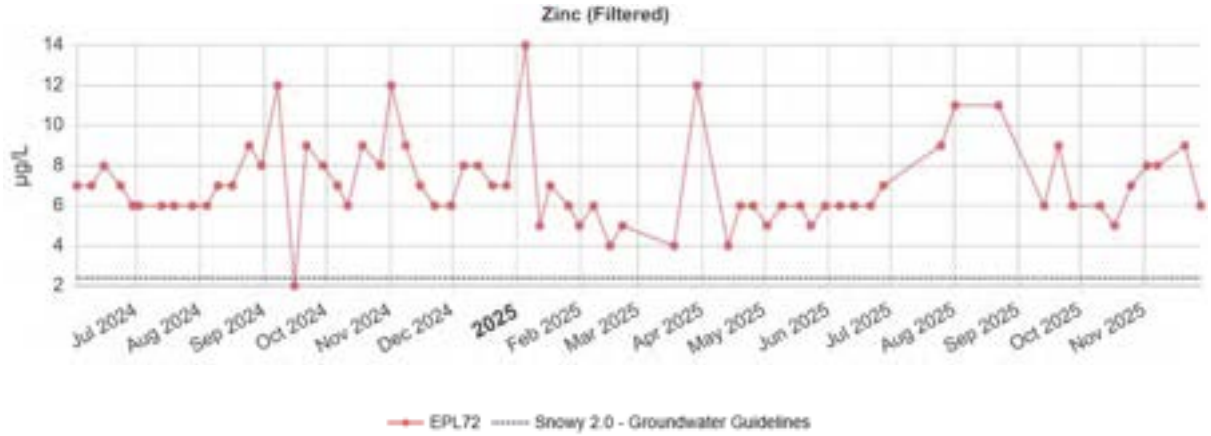



EPL72
Snowy 2.0 - Groundwater Guidelines
Arsenic
µg/L
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

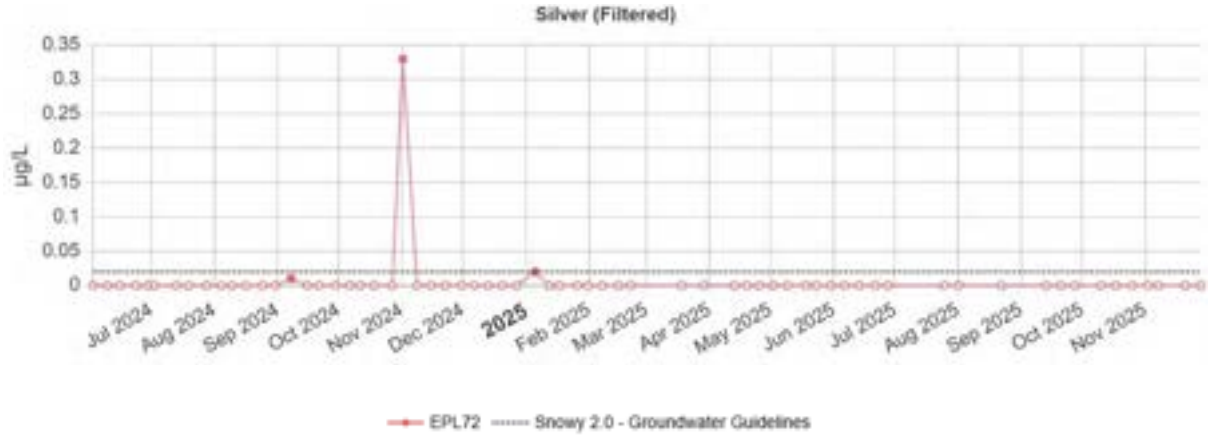

EPL72
Snowy 2.0 - Groundwater Guidelines
Aluminium (Filtered)
µg/L
30000
25000
20000
15000
10000
5000
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

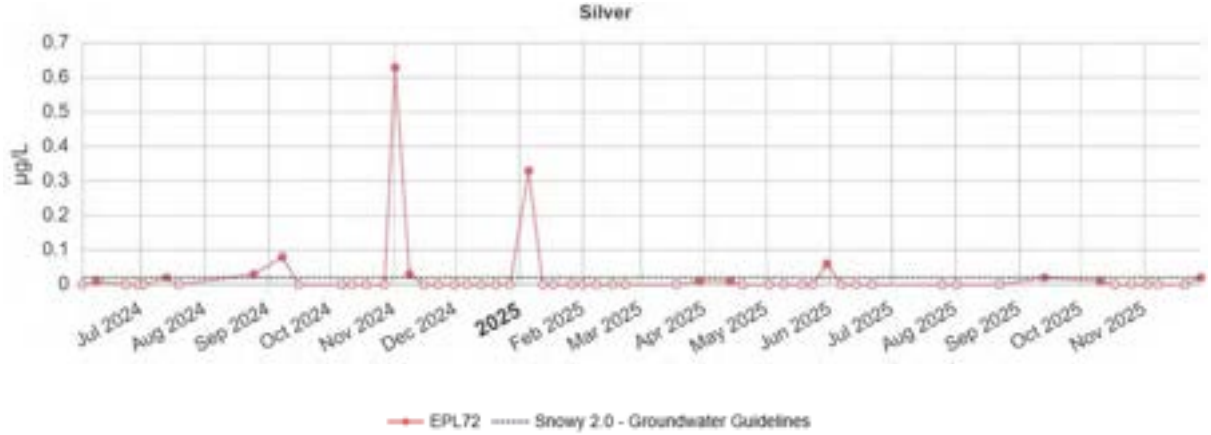
EPL72
Snowy 2.0 - Groundwater Guidelines

Aluminium
30000
25000
20000
15000
10000
5000
0
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines


Zinc (Filtered)
14
12
10
8
6
4
2
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines

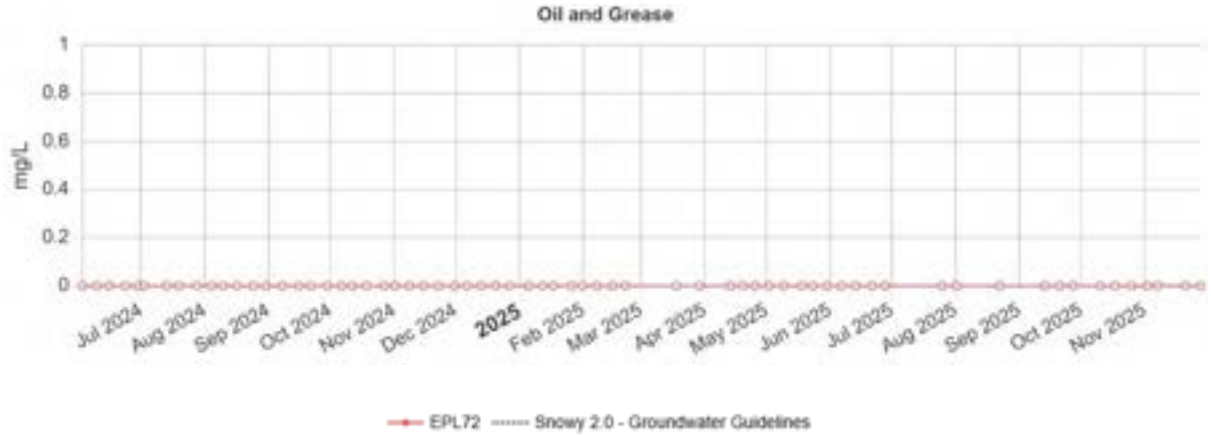
Zinc
µg/L
40
35
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines


Silver (Filtered)
µg/L
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines


Silver
µg/L
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines

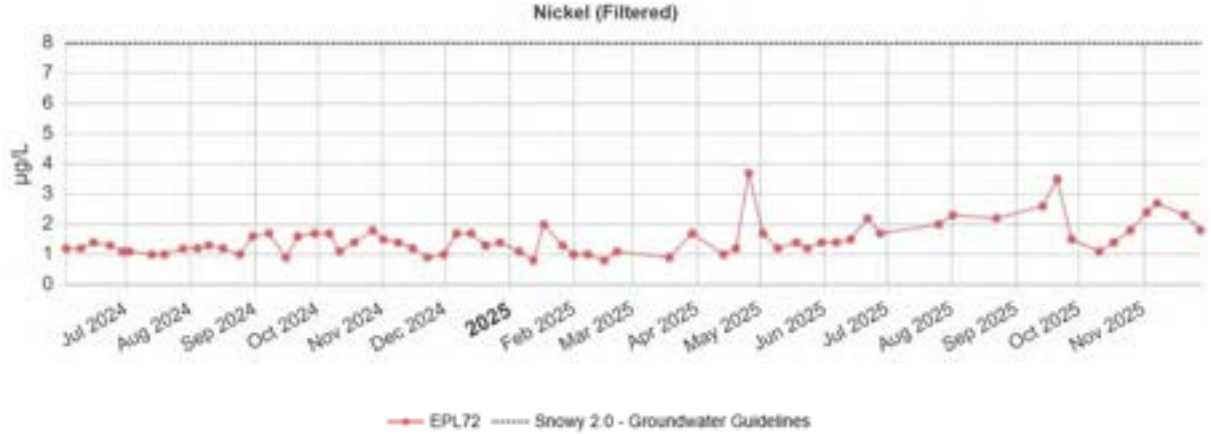
Reactive Phosphorus (Filtered)
µg/L
40
35
30
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines

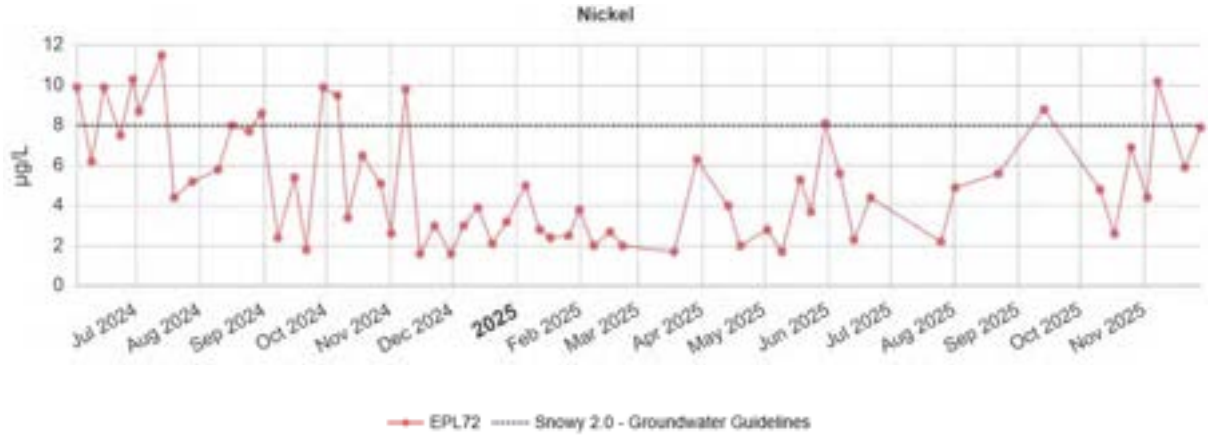
Phosphorus (Total)
µg/L
200
160
120
80
40
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines


Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines

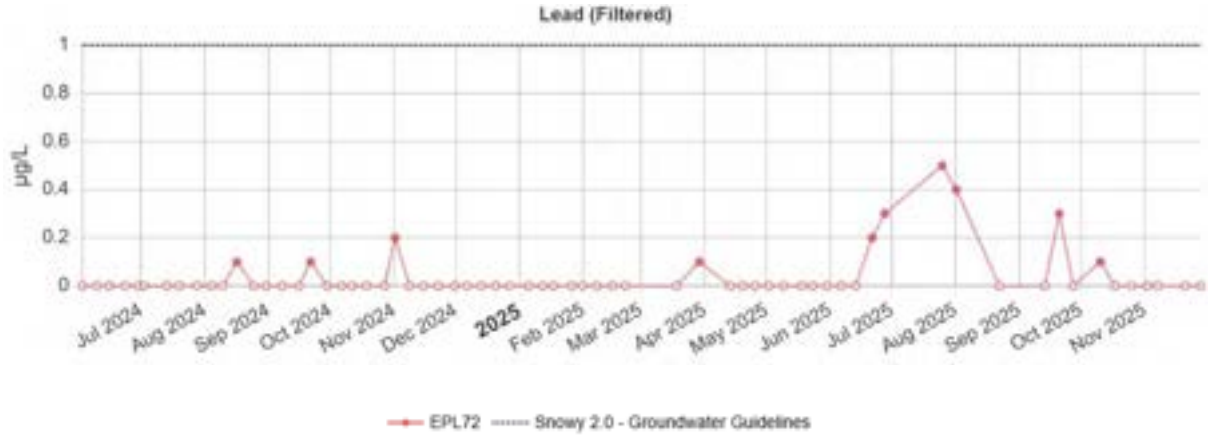
Nitrogen (Total)
µg/L
1600
1200
800
400
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines

Nitrite + Nitrate as N (NOx)
µg/L
600
500
400
300
200
100
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines

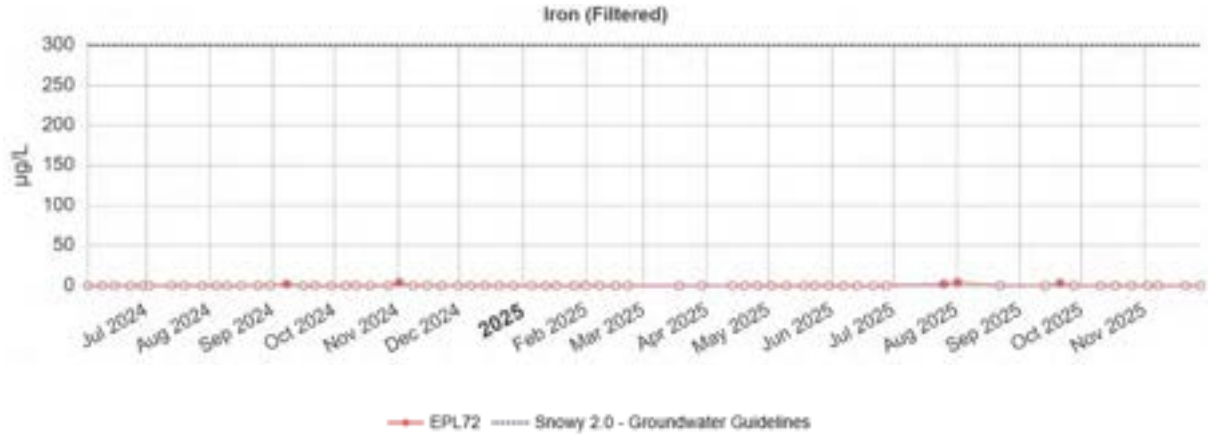

Nickel (Filtered)
µg/L
0
1
2
3
4
5
6
7
8
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines

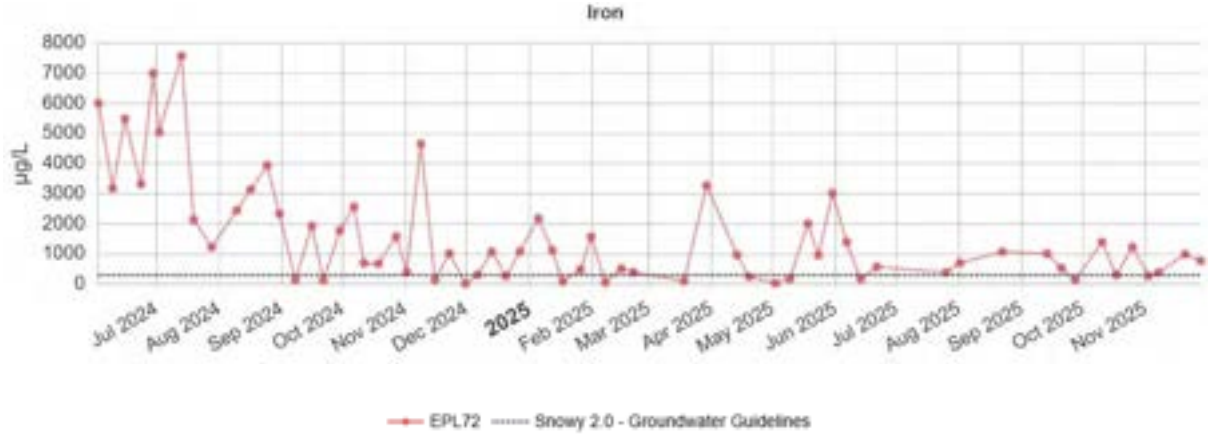

Nickel
µg/L
0
2
4
6
8
10
12
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines

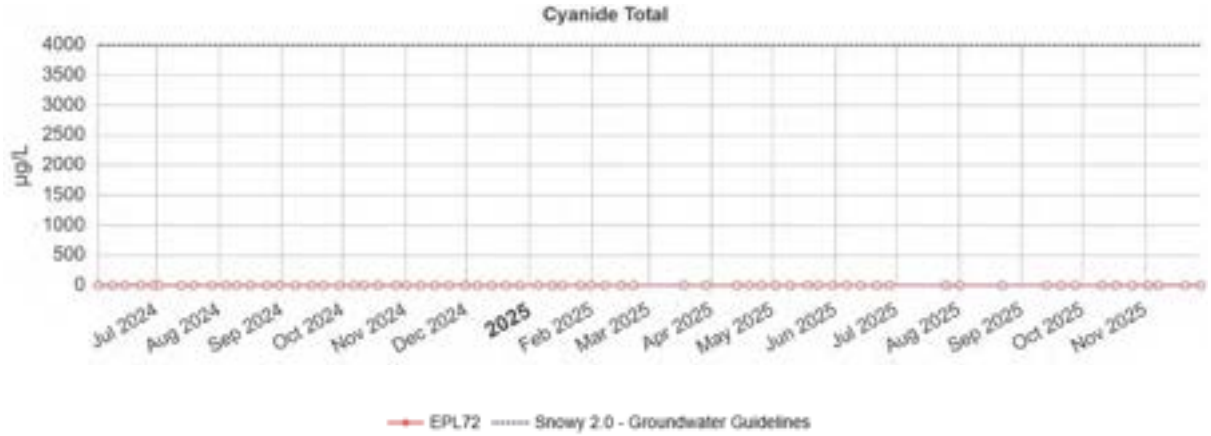
Magnesium (Filtered)
2100
2060
2020
1980
1940
1900
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines

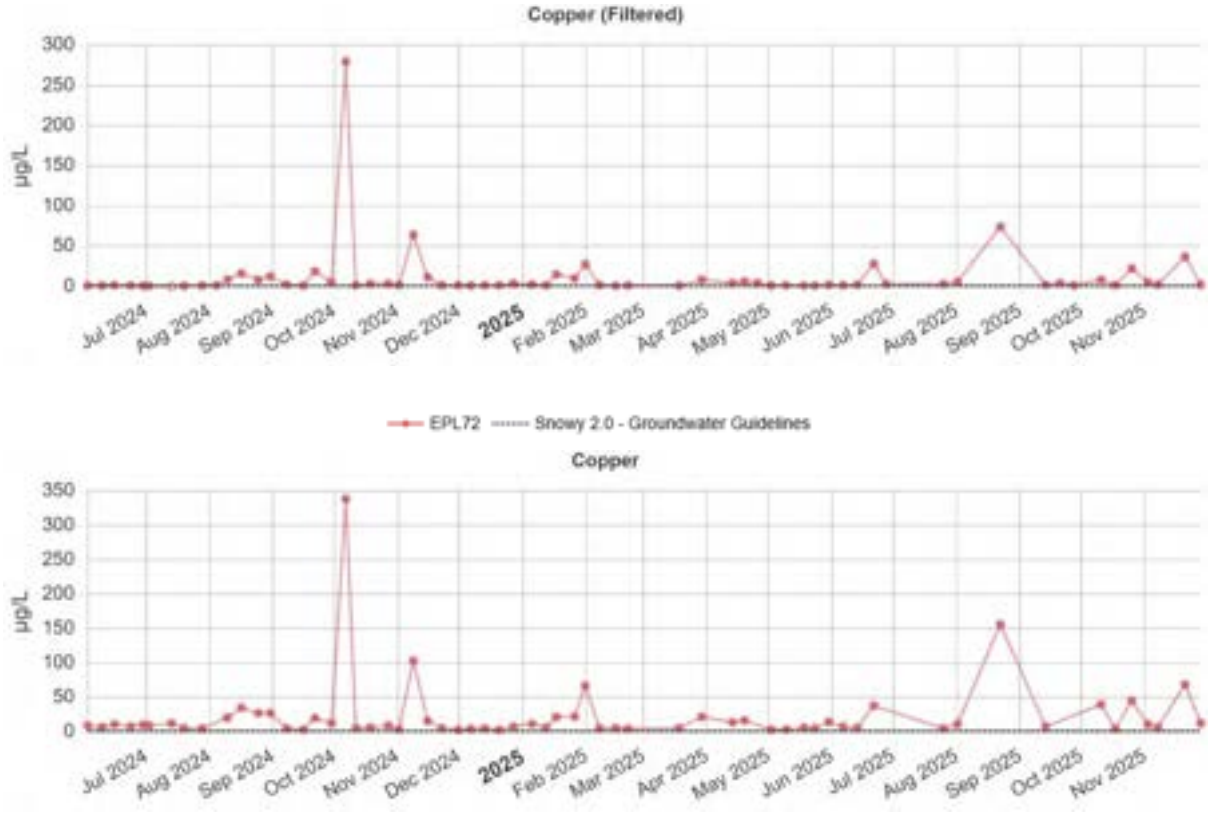

Lead (Filtered)
1
0.8
0.6
0.4
0.2
0
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines

Lead
µg/L
25
20
15
10
5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines

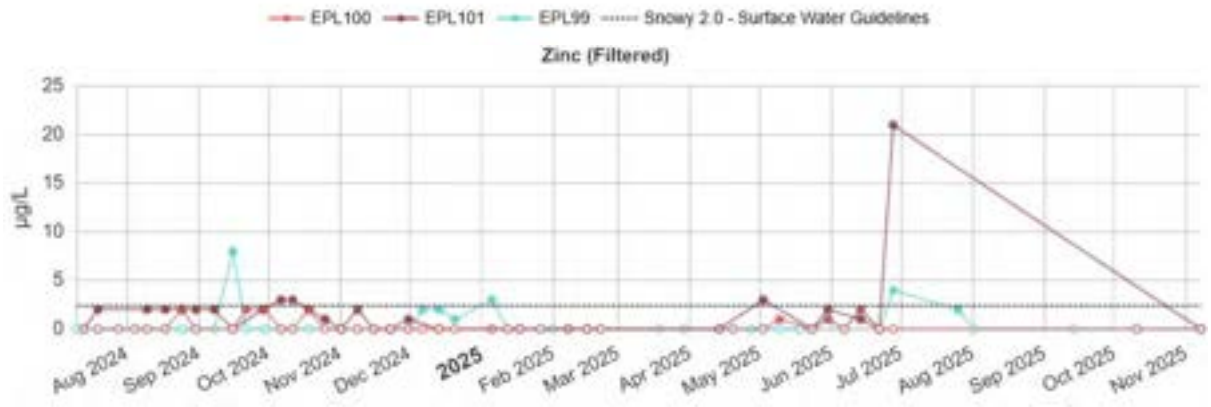

Iron (Filtered)
µg/L
300
250
200
150
100
50
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines

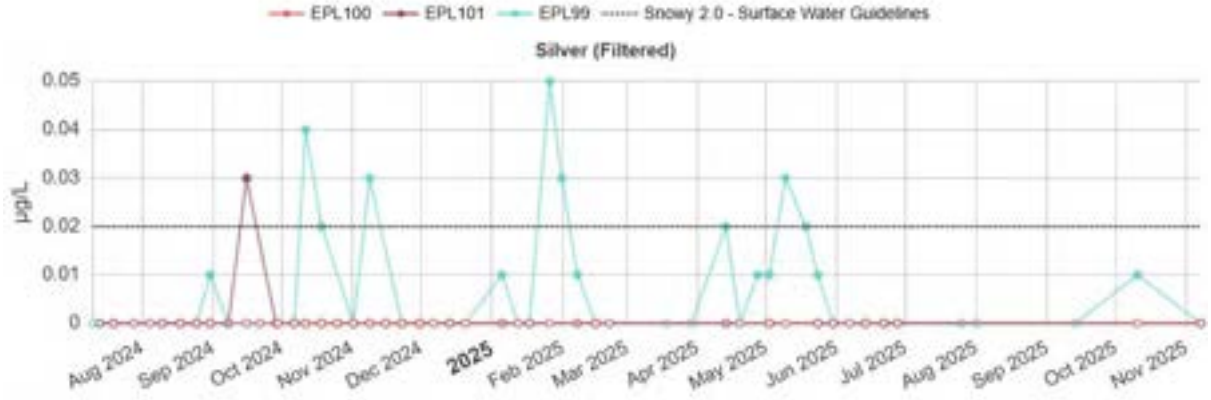

Iron
µg/L
8000
7000
6000
5000
4000
3000
2000
1000
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines

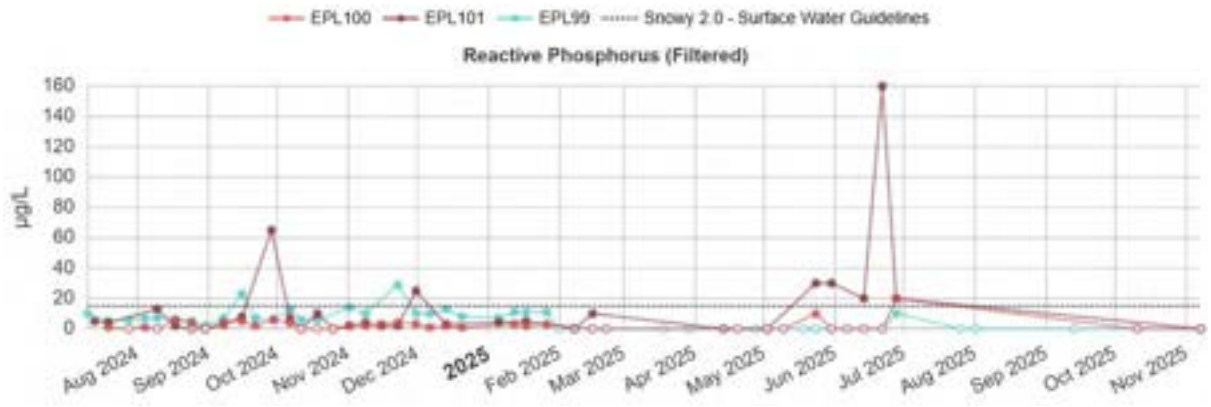

Cyanide Total
µg/L
4000
3500
3000
2500
2000
1500
1000
500
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines

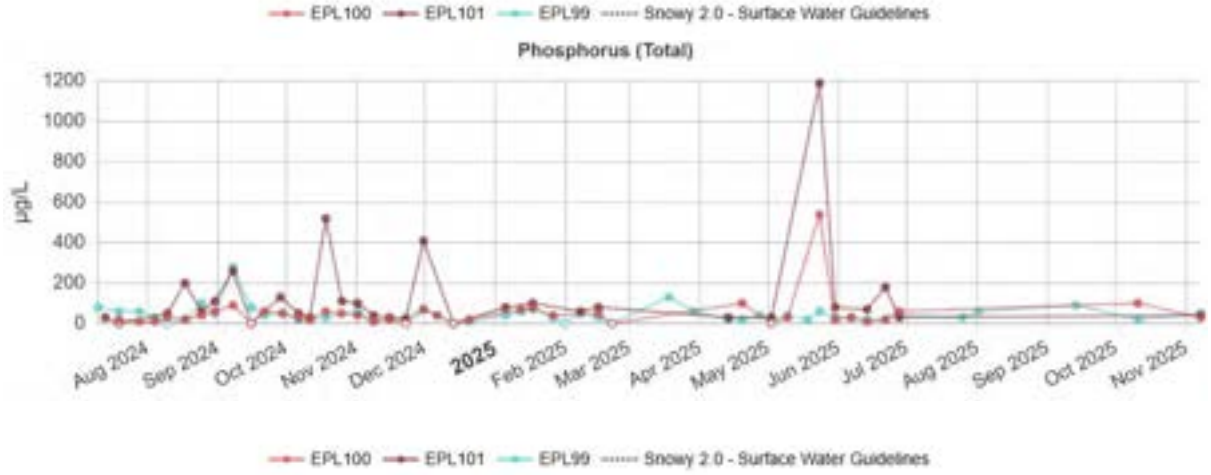

Copper (Filtered)
µg/L
300
250
200
150
100
50
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL72
Snowy 2.0 - Groundwater Guidelines
Copper
µg/L
350
300
250
200
150
100
50
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

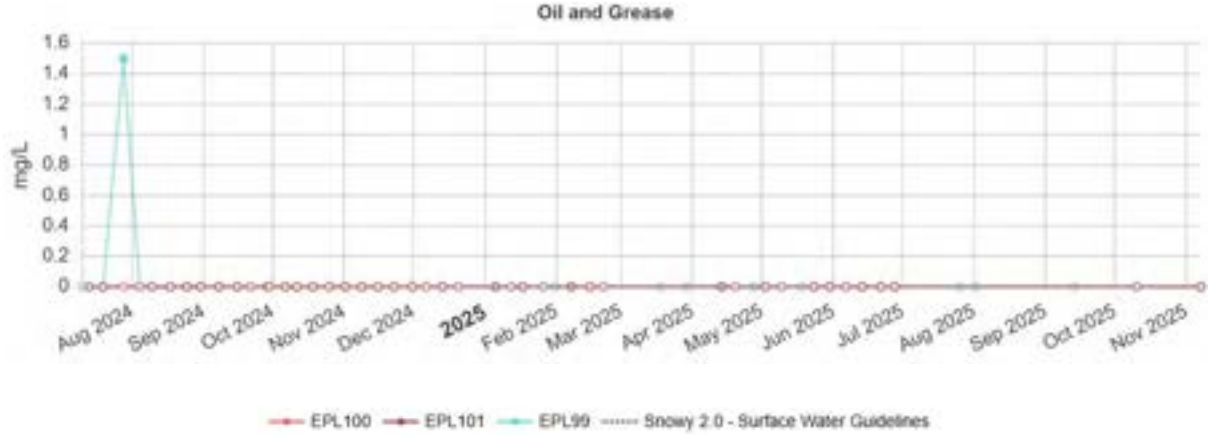
Surface Water

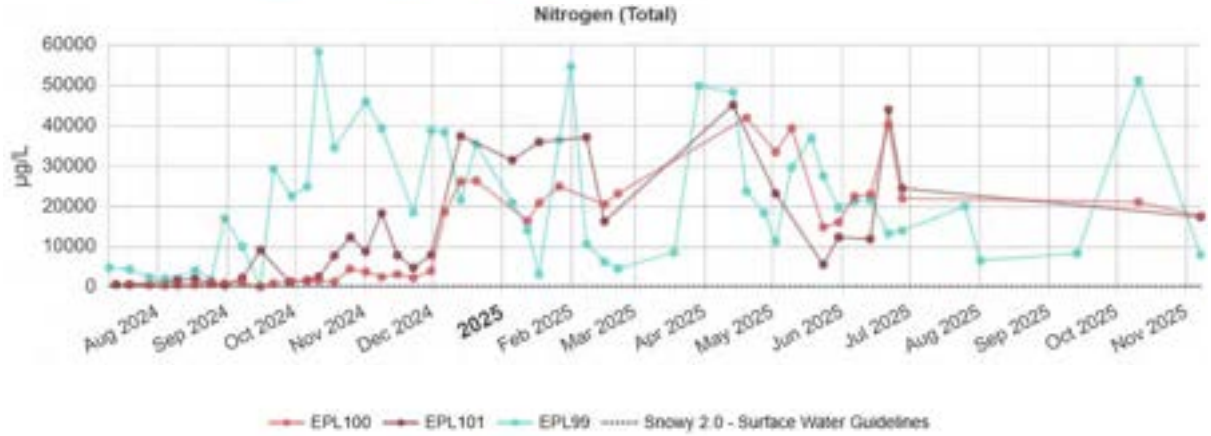

EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines
Zinc (Filtered)
µg/L
25
20
15
10
5
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

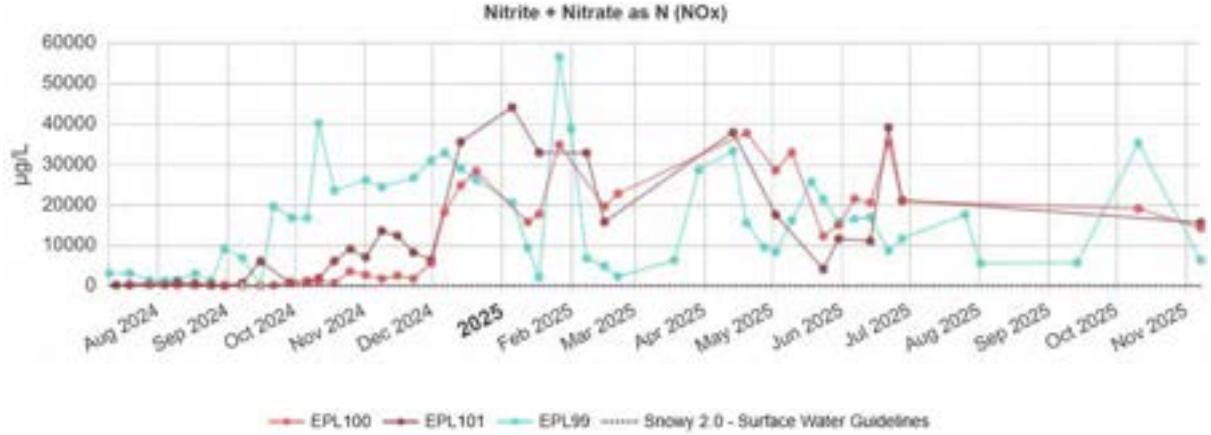

EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines
Silver (Filtered)
µg/L
0.05
0.04
0.03
0.02
0.01
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

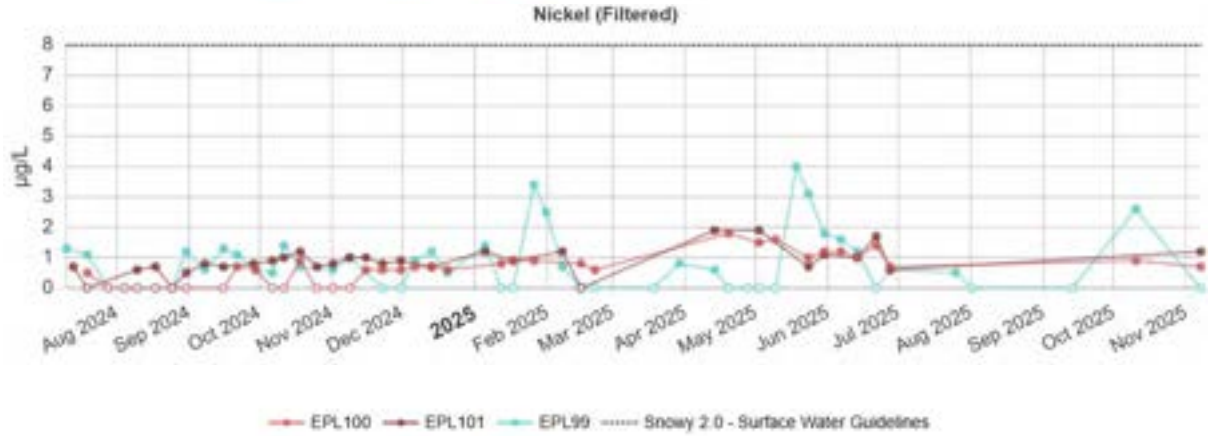

EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines
Reactive Phosphorus (Filtered)
ug/L
160
140
120
100
80
60
40
20
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

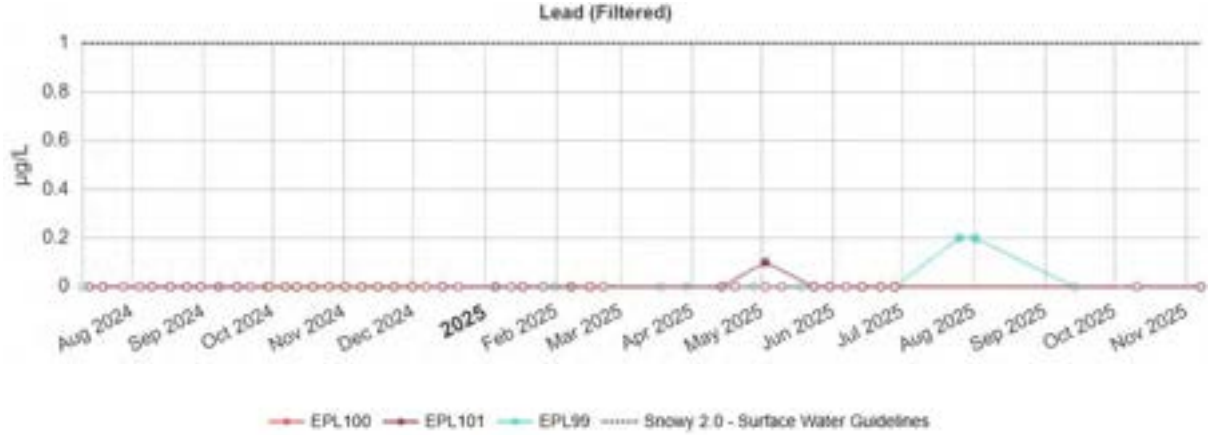

EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines
Phosphorus (Total)
ug/L
1200
1000
800
600
400
200
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines

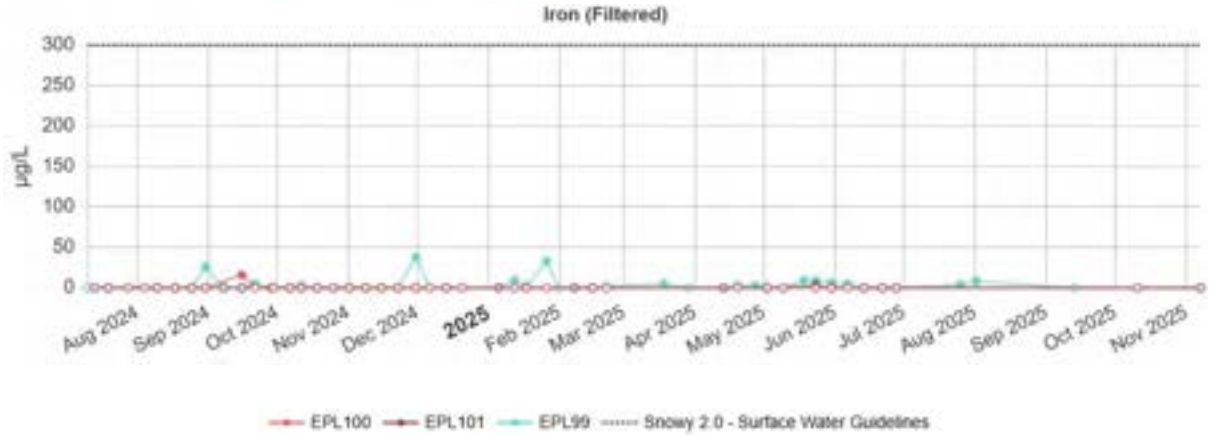

Oil and Grease
mg/L
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines

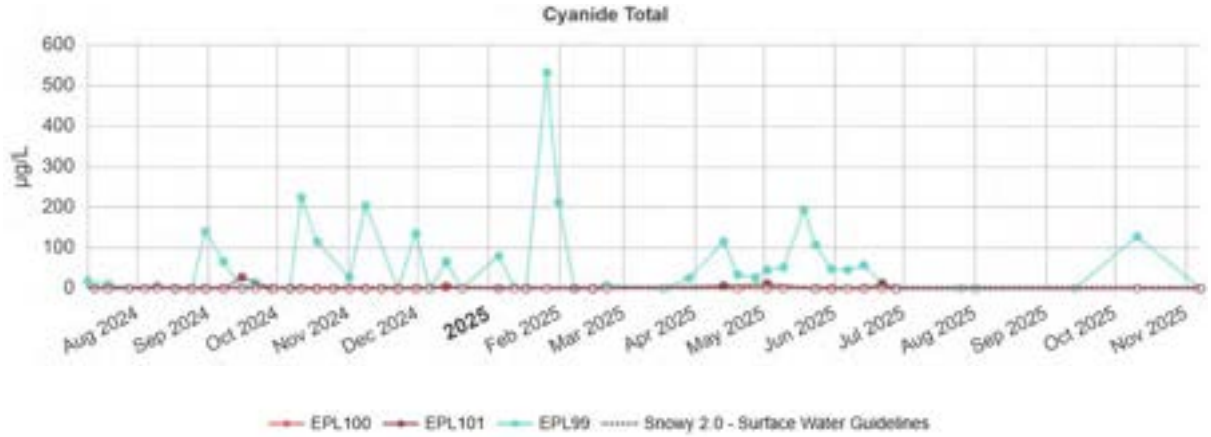

Nitrogen (Total)
µg/L
60000
50000
40000
30000
20000
10000
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines

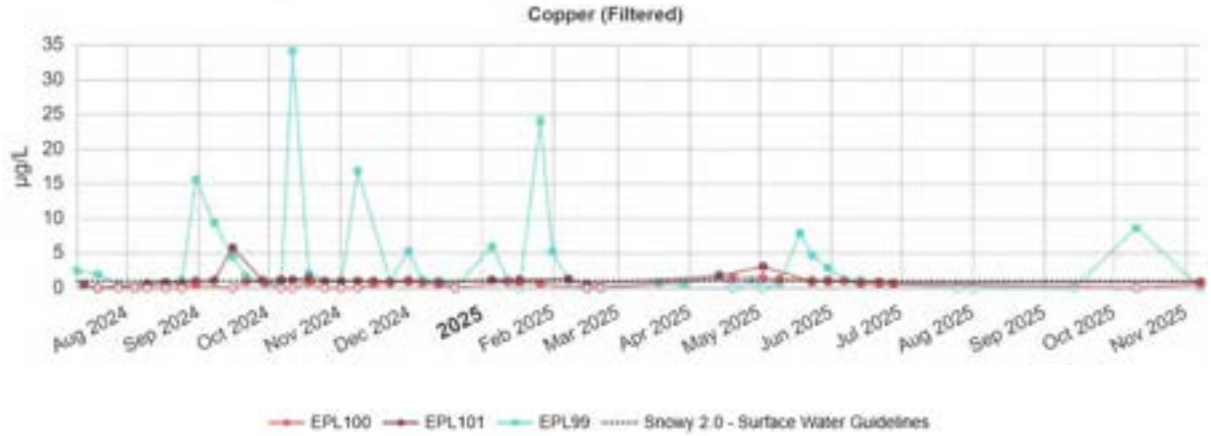

Nitrite + Nitrate as N (NOx)
µg/L
60000
50000
40000
30000
20000
10000
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines

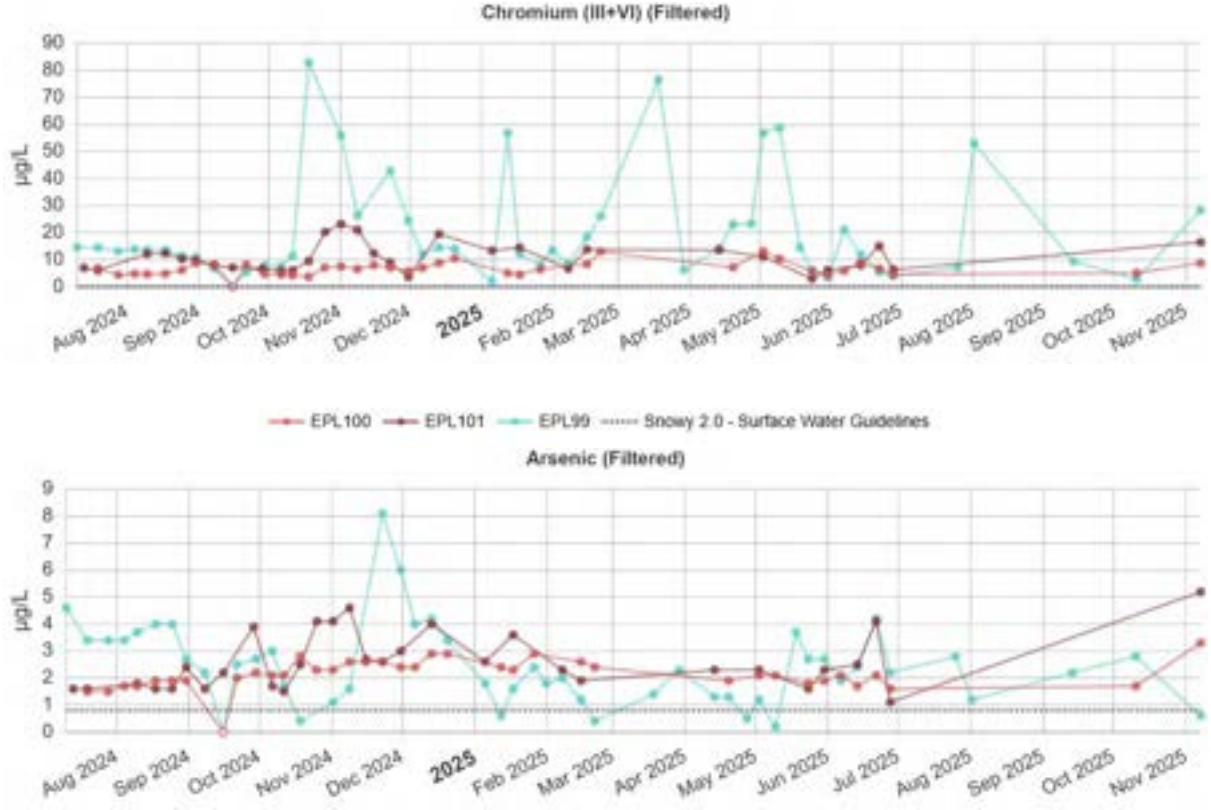

Nickel (Filtered)
µg/L
8
7
6
5
4
3
2
1
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines

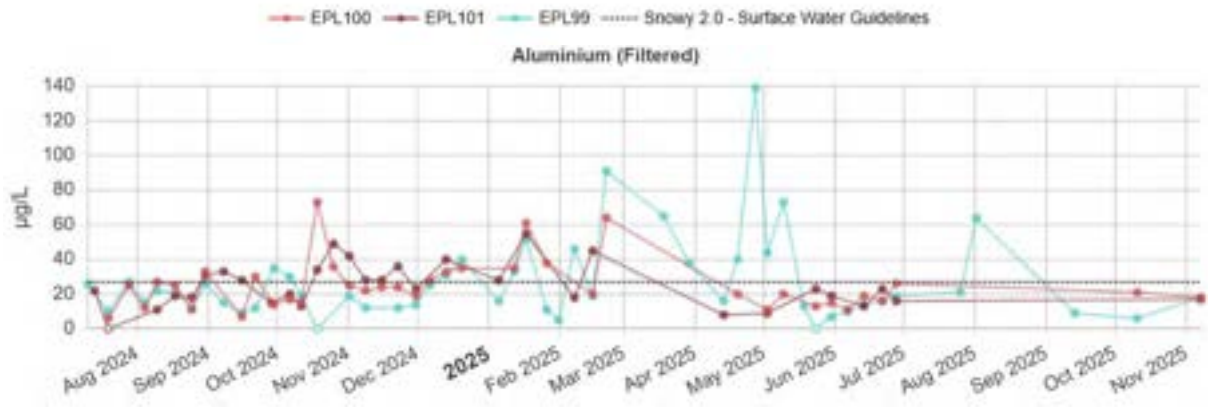

Lead (Filtered)
µg/L
1
0.8
0.6
0.4
0.2
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines

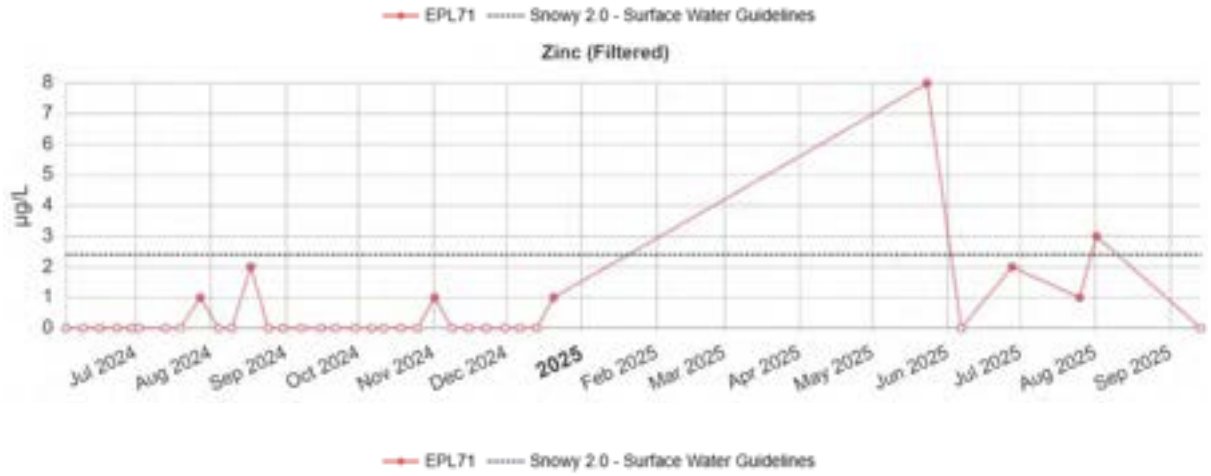

Iron (Filtered)
µg/L
300
250
200
150
100
50
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines

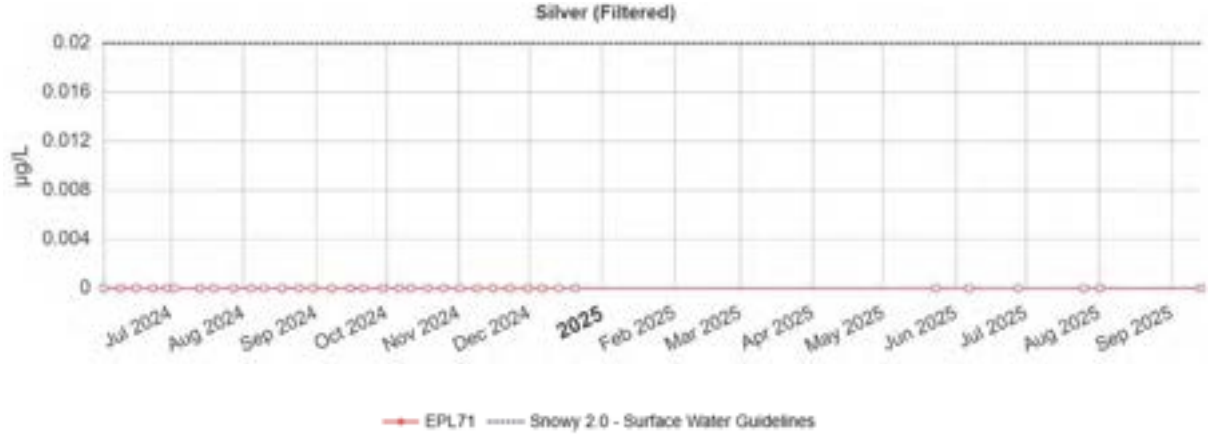

Cyanide Total
600
500
400
300
200
100
0
µg/L
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines

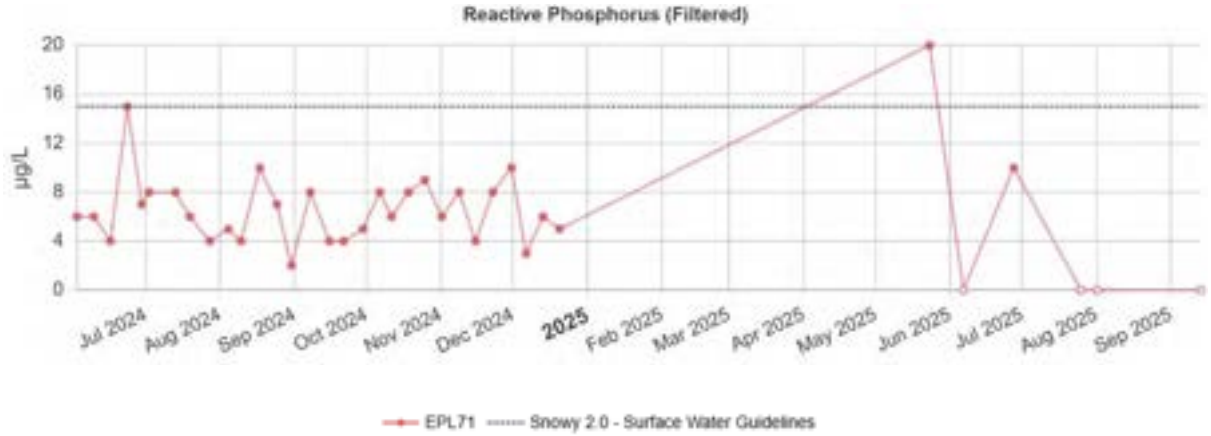

Copper (Filtered)
35
30
25
20
15
10
5
0
µg/L
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines

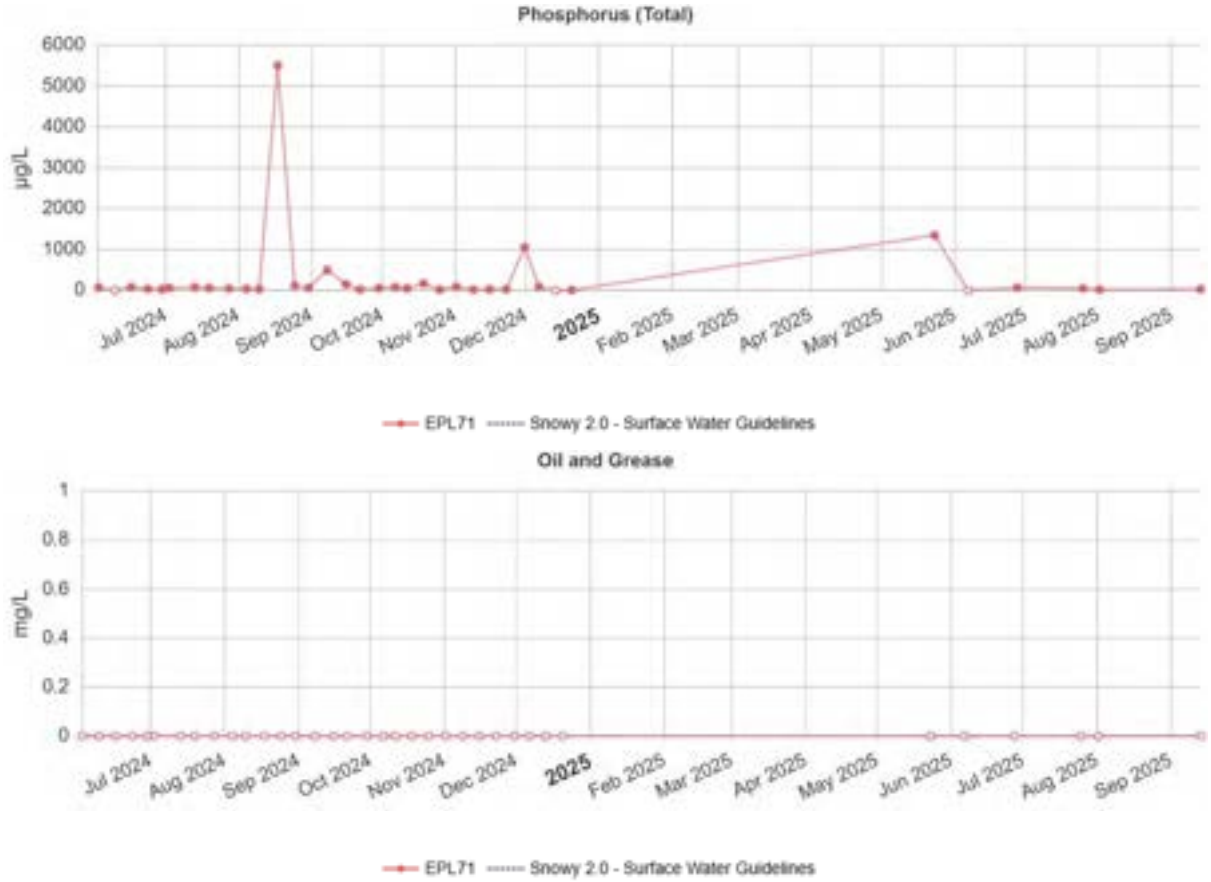

Chromium (III+VI) (Filtered)
µg/l
90
80
70
60
50
40
30
20
10
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines
Arsenic (Filtered)
µg/l
9
8
7
6
5
4
3
2
1
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

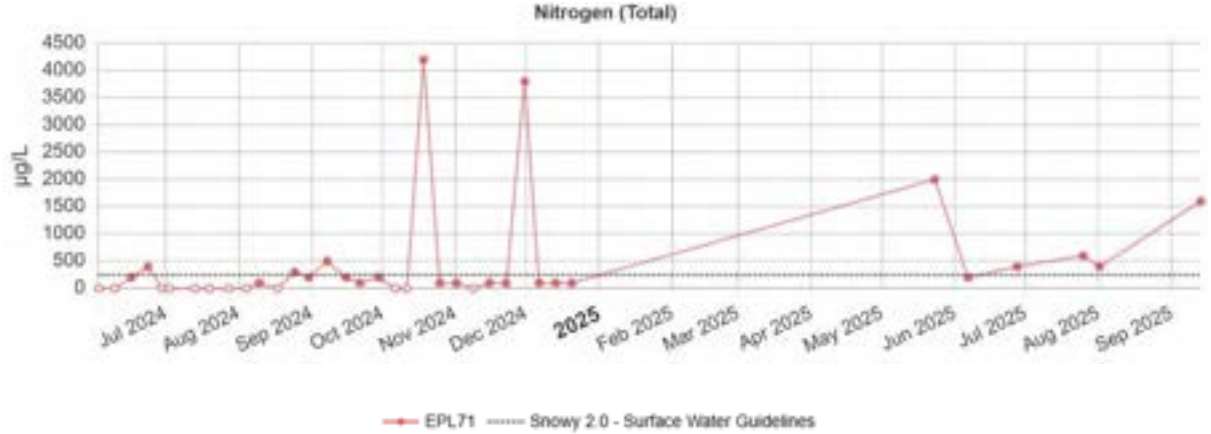

EPL100
EPL101
EPL99
Snowy 2.0 - Surface Water Guidelines
Aluminium (Filtered)
ug/L
140
120
100
80
60
40
20
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

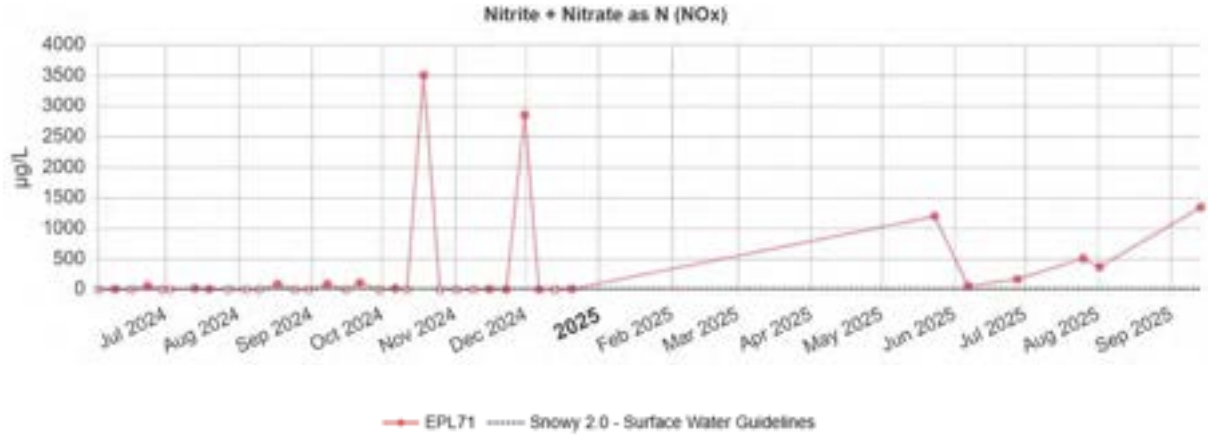

EPL71
Snowy 2.0 - Surface Water Guidelines
Zinc (Filtered)
µg/L
0
1
2
3
4
5
6
7
8
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
EPL71
Snowy 2.0 - Surface Water Guidelines

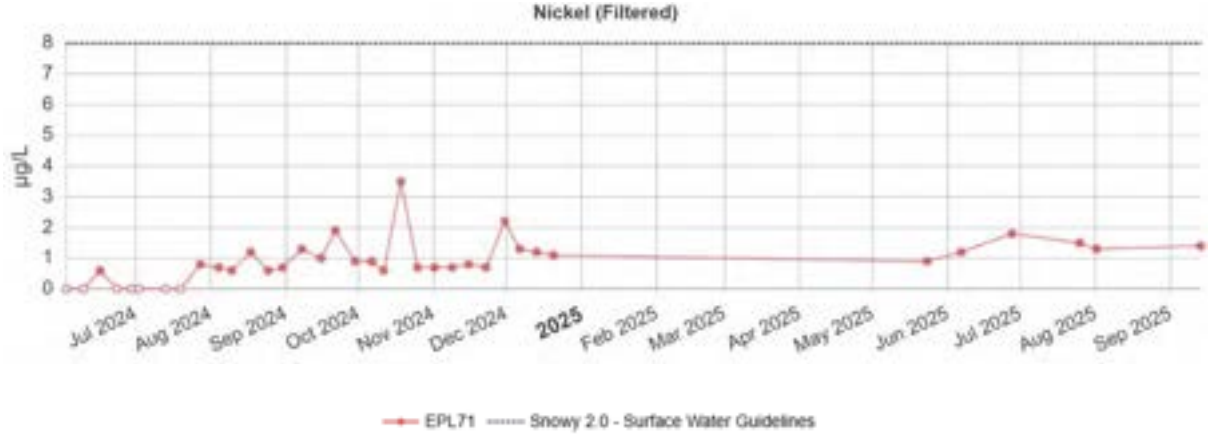

Silver (Filtered)
0.02
0.016
0.012
0.008
0.004
0
µg/l
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
EPL71
Snowy 2.0 - Surface Water Guidelines

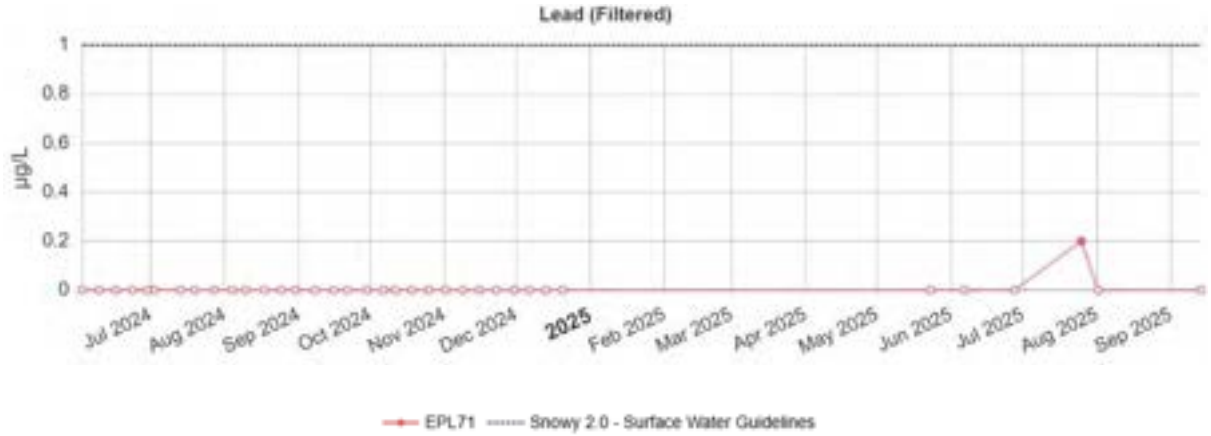

Reactive Phosphorus (Filtered)
20
16
12
8
4
0
µg/l
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
EPL71
Snowy 2.0 - Surface Water Guidelines

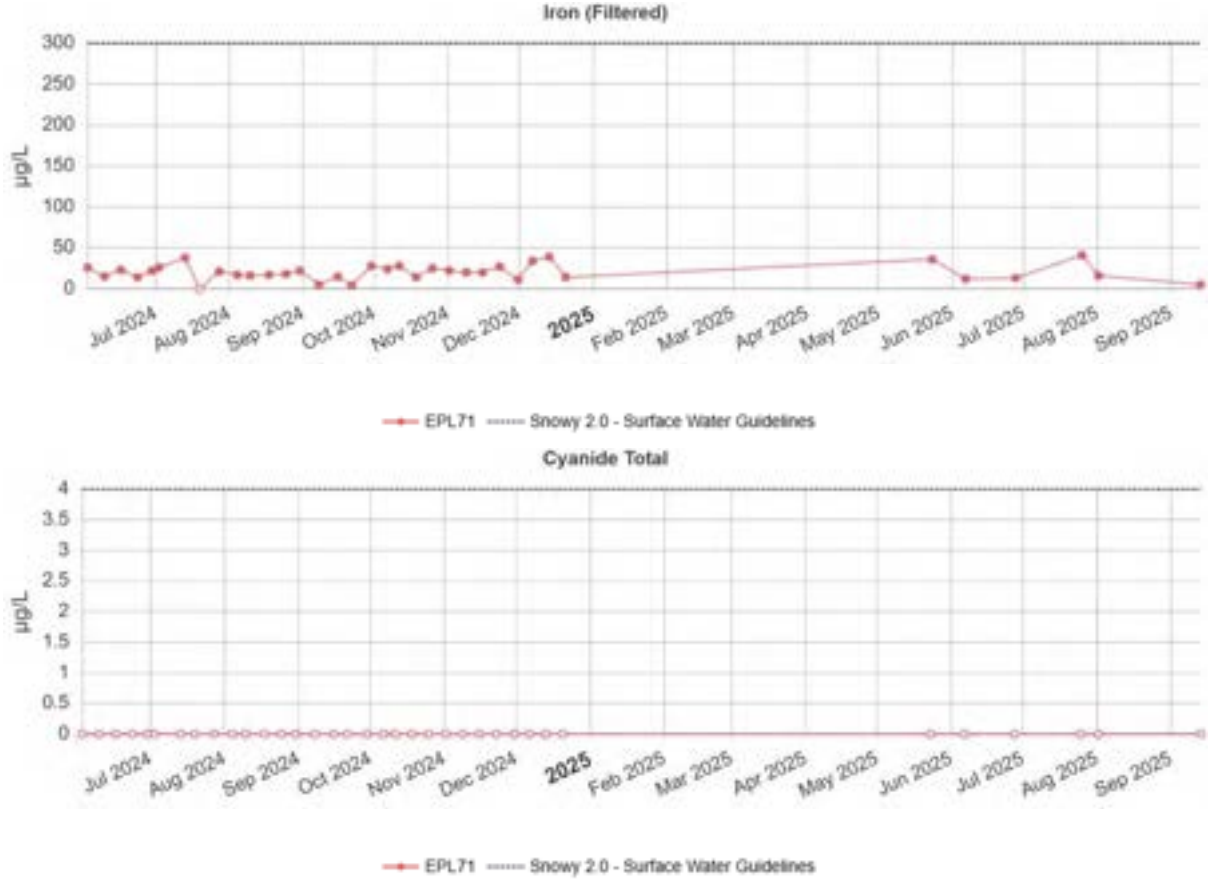

Phosphorus (Total)
µg/L
6000
5000
4000
3000
2000
1000
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
EPL71
Snowy 2.0 - Surface Water Guidelines
Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
EPL71
Snowy 2.0 - Surface Water Guidelines

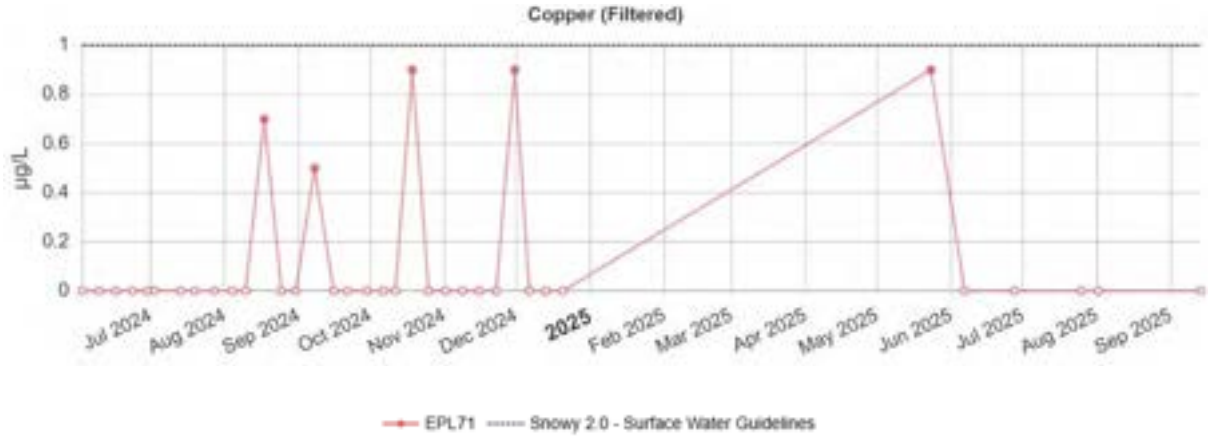

Nitrogen (Total)
µg/l
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
EPL71
Snowy 2.0 - Surface Water Guidelines

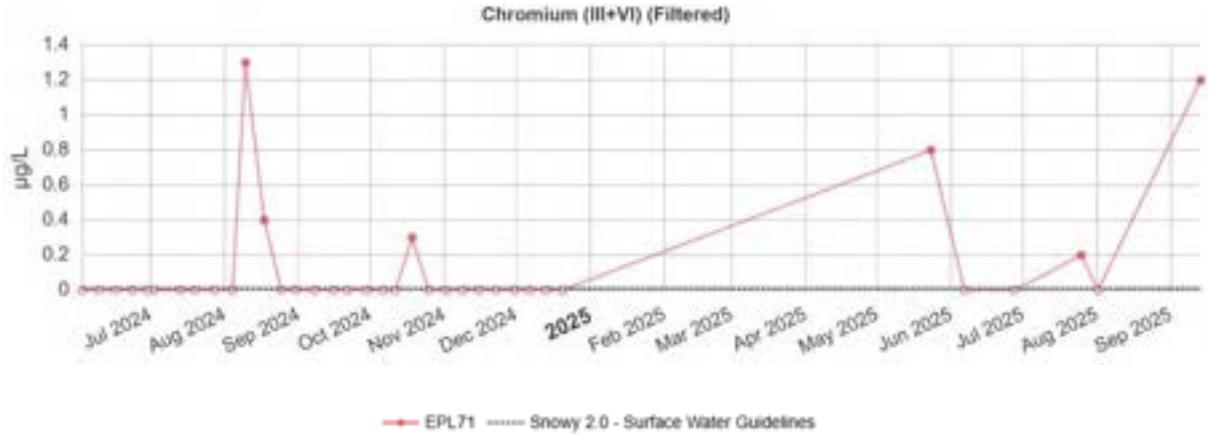

Nitrite + Nitrate as N (NOx)
µg/l
4000
3500
3000
2500
2000
1500
1000
500
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
EPL71
Snowy 2.0 - Surface Water Guidelines

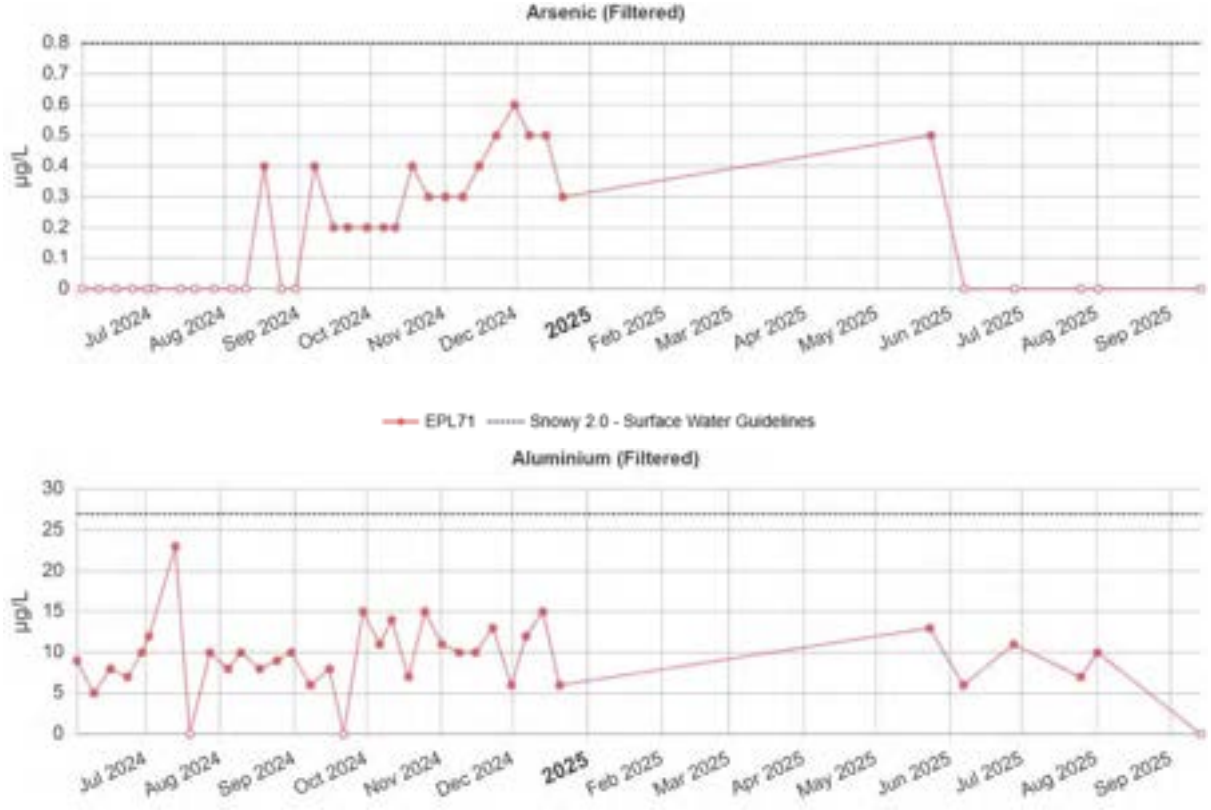

Nickel (Filtered)
µg/L
8
7
6
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
EPL71
Snowy 2.0 - Surface Water Guidelines


Lead (Filtered)
µg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
EPL71
Snowy 2.0 - Surface Water Guidelines


Iron (Filtered)
300
250
200
150
100
50
0
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
EPL71
Snowy 2.0 - Surface Water Guidelines
Cyanide Total
4
3.5
3
2.5
2
1.5
1
0.5
0
µg/L
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
EPL71
Snowy 2.0 - Surface Water Guidelines

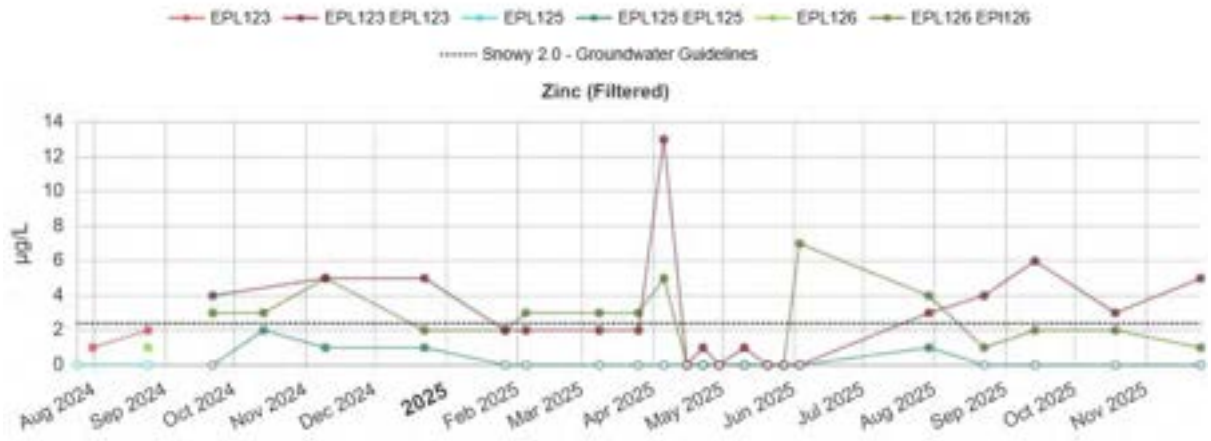

Copper (Filtered)
µg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
EPL71
Snowy 2.0 - Surface Water Guidelines

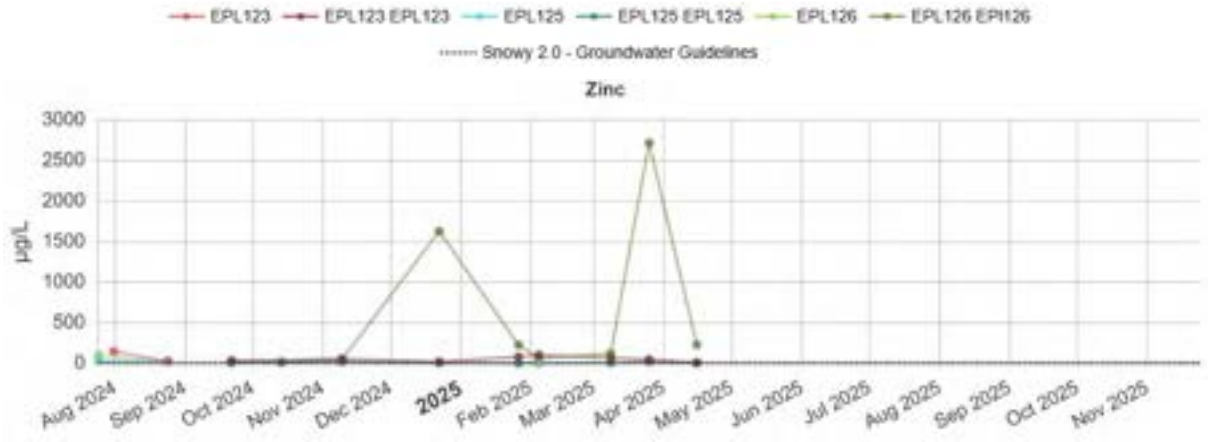

Chromium (III+VI) (Filtered)
µg/L
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
EPL71
Snowy 2.0 - Surface Water Guidelines

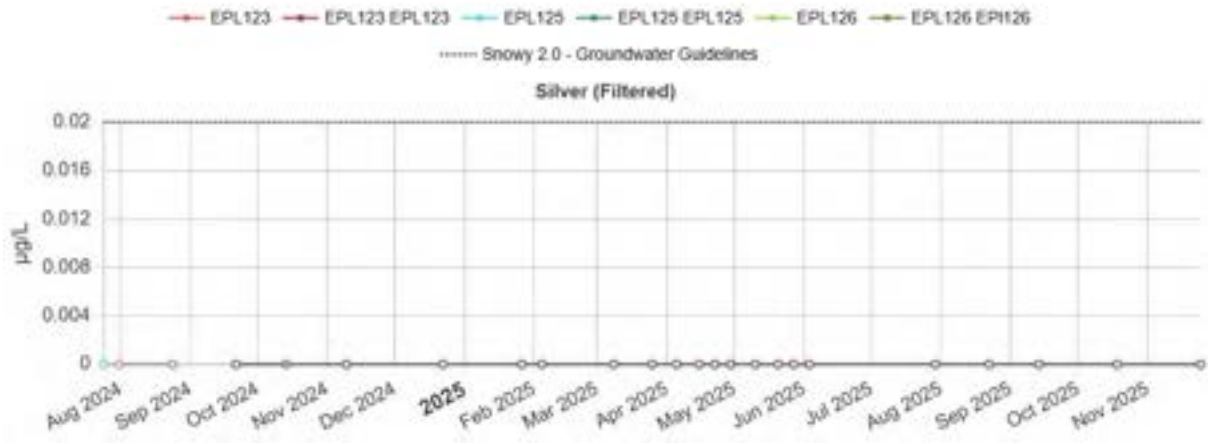


Rock Forest

Groundwater

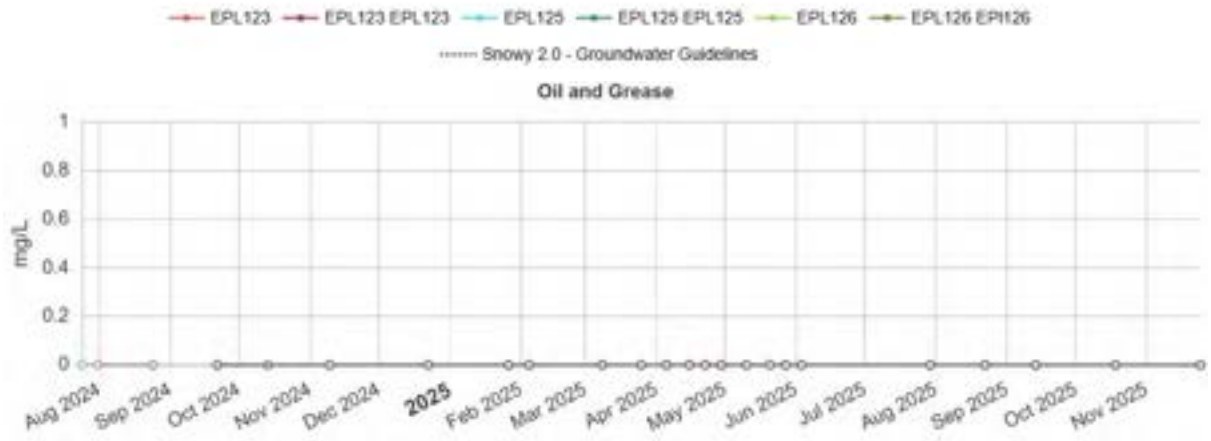

EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
µg/L
14
12
10
8
6
4
2
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

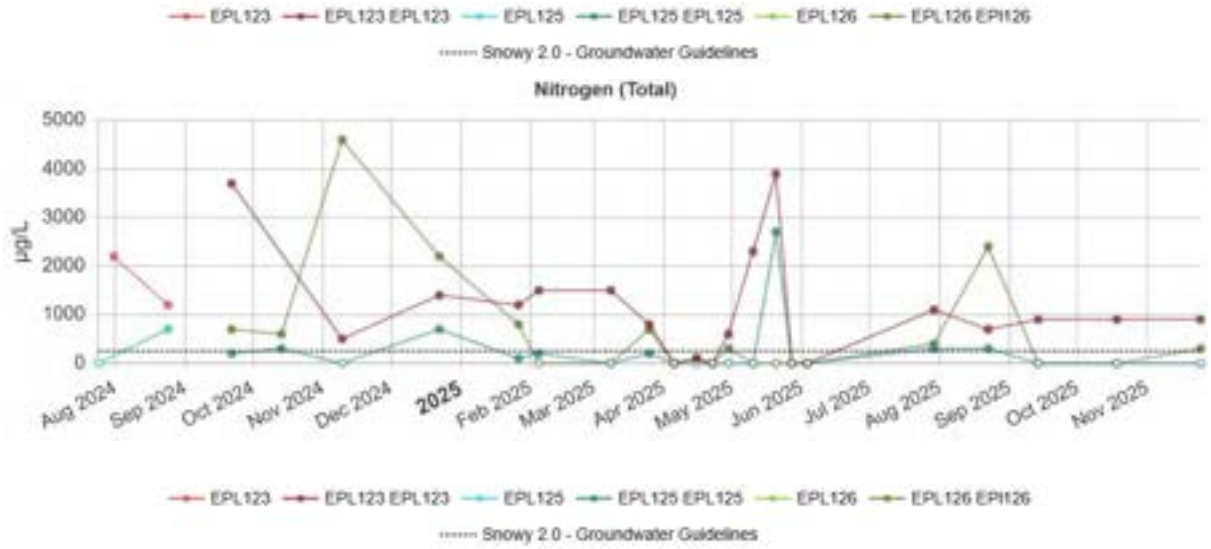

EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Zinc
µg/L
3000
2500
2000
1500
1000
500
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

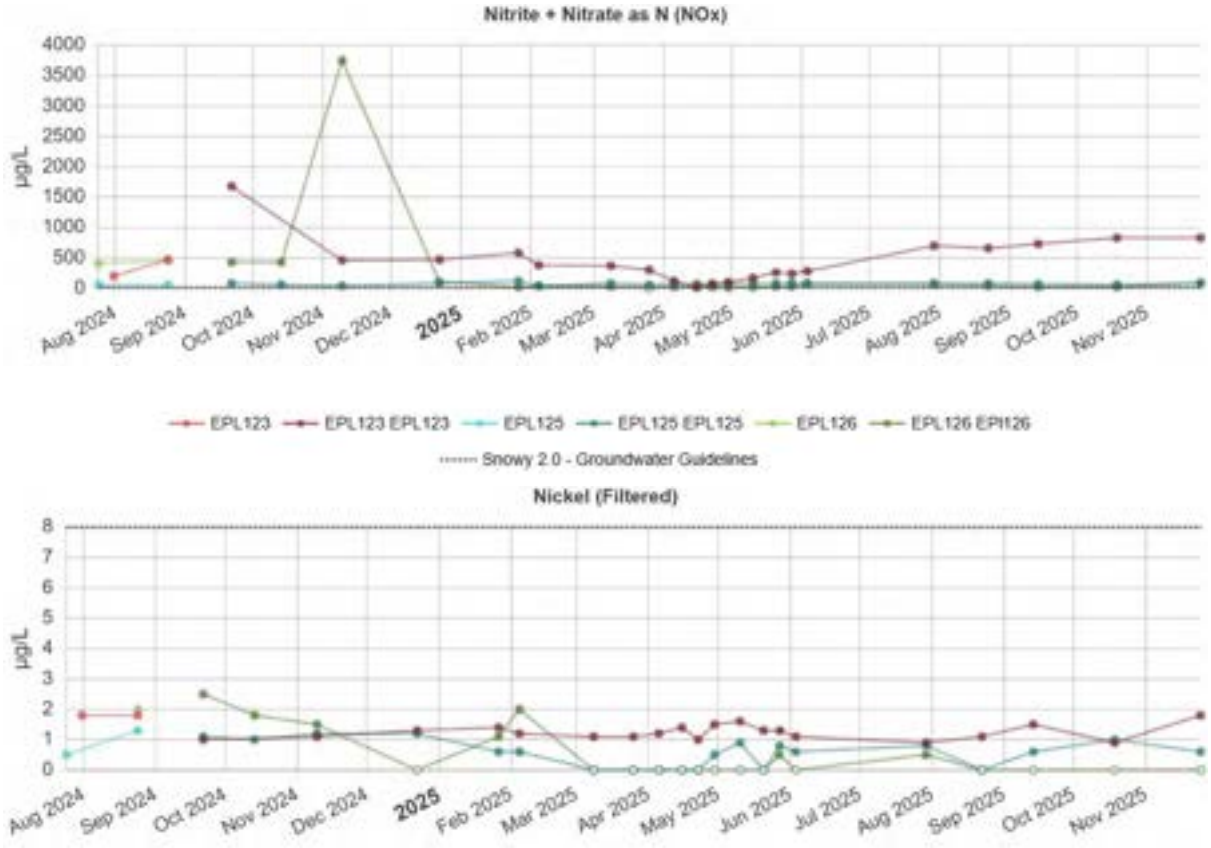

EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Silver (Filtered)
µg/L
0.02
0.016
0.012
0.008
0.004
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

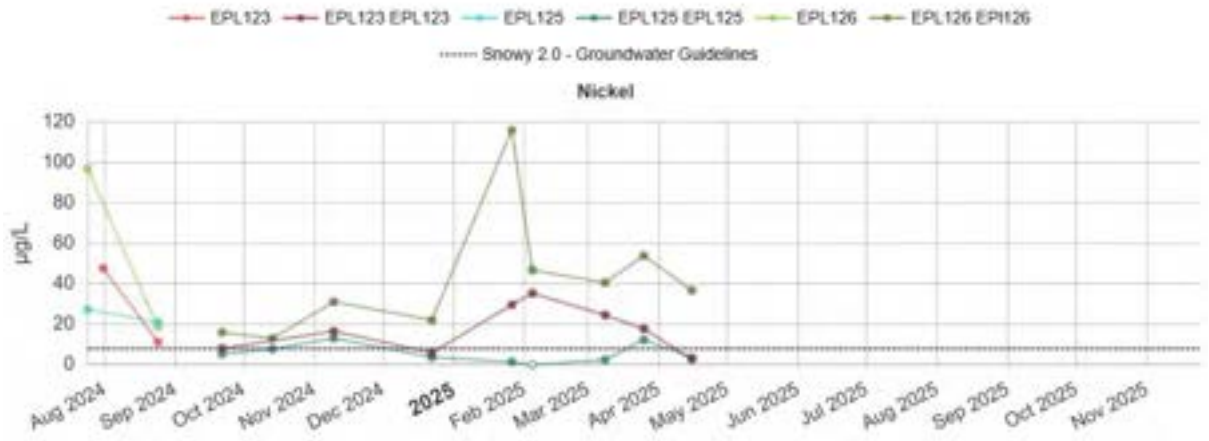
EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Silver
µg/L
1.2
1
0.8
0.6
0.4
0.2
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

Reactive Phosphorus (Filtered)
µg/L
80
70
60
50
40
30
20
10
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Phosphorus (Total)
µg/L
14000
12000
10000
8000
6000
4000
2000
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

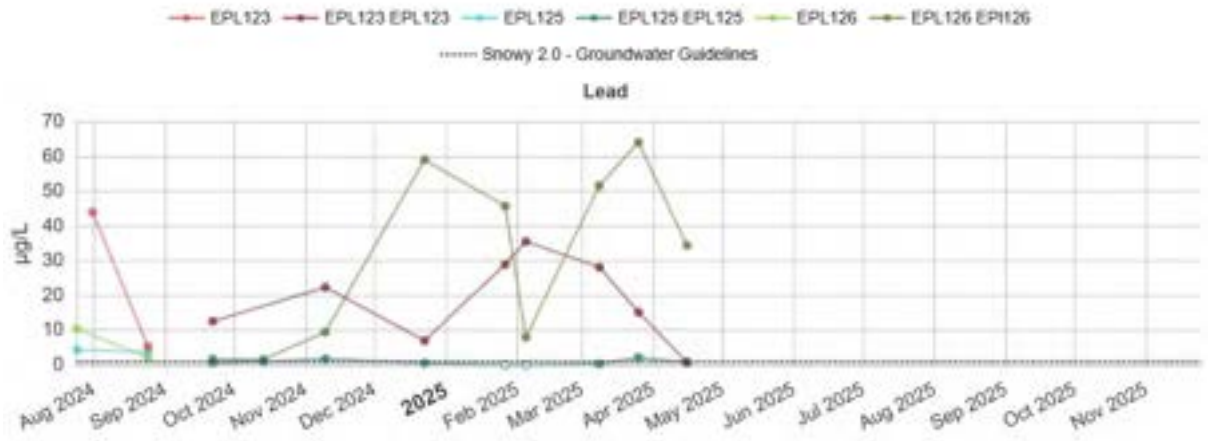

EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Nitrogen (Total)
µg/L
5000
4000
3000
2000
1000
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


Nitrite + Nitrate as N (NOx)
µg/L
4000
3500
3000
2500
2000
1500
1000
500
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Nickel (Filtered)
µg/L
8
7
6
5
4
3
2
1
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Nickel
µg/L
120
100
80
60
40
20
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Lead (Filtered)
µg/L
1
0.8
0.6
0.4
0.2
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Lead
µg/L
70
60
50
40
30
20
10
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
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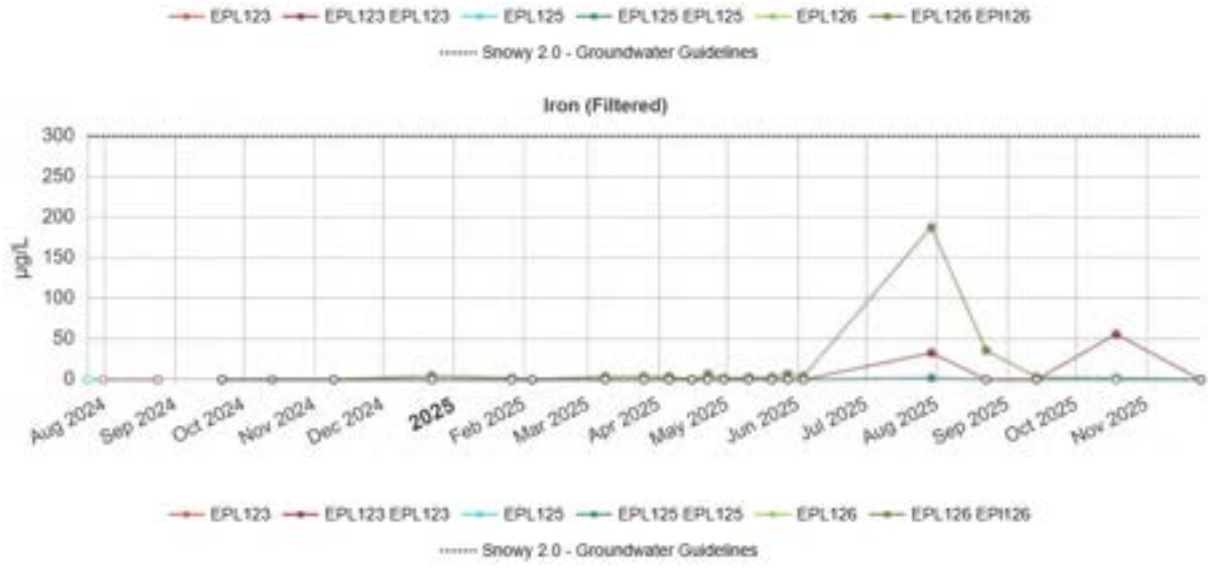
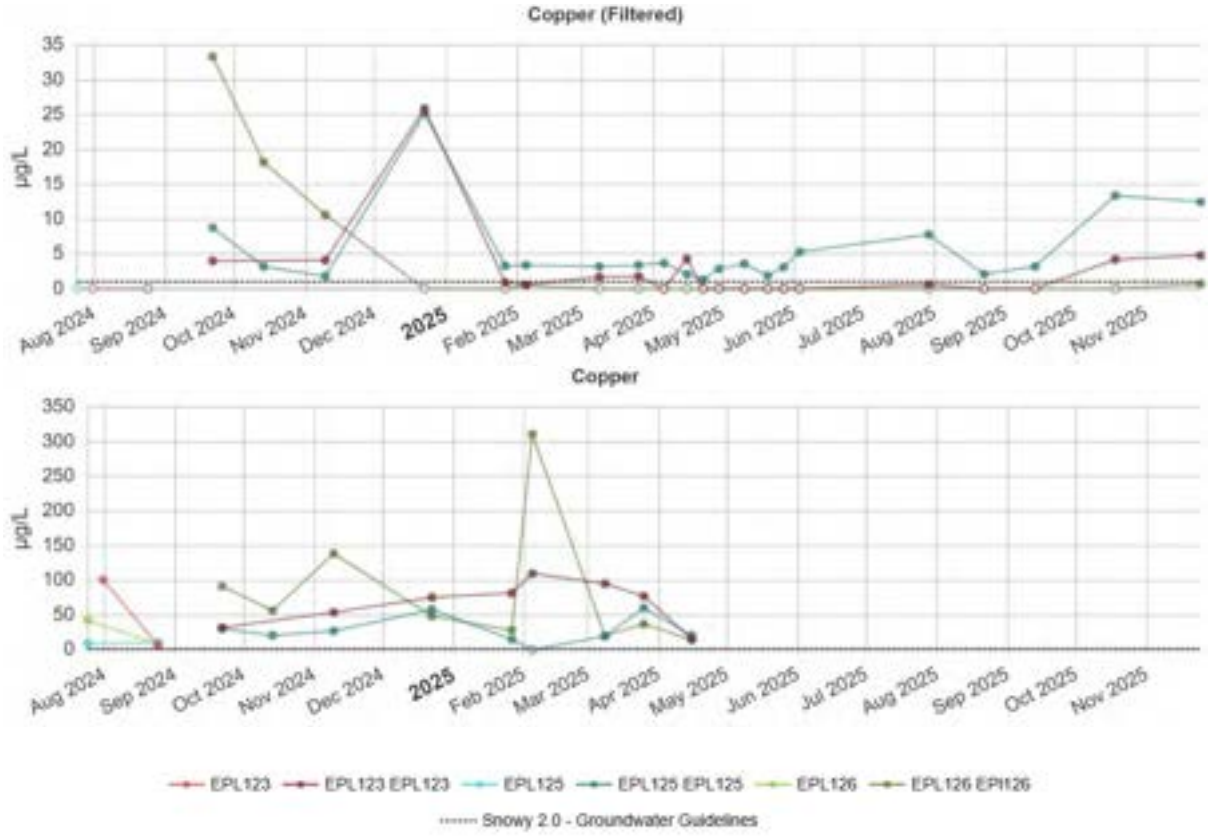
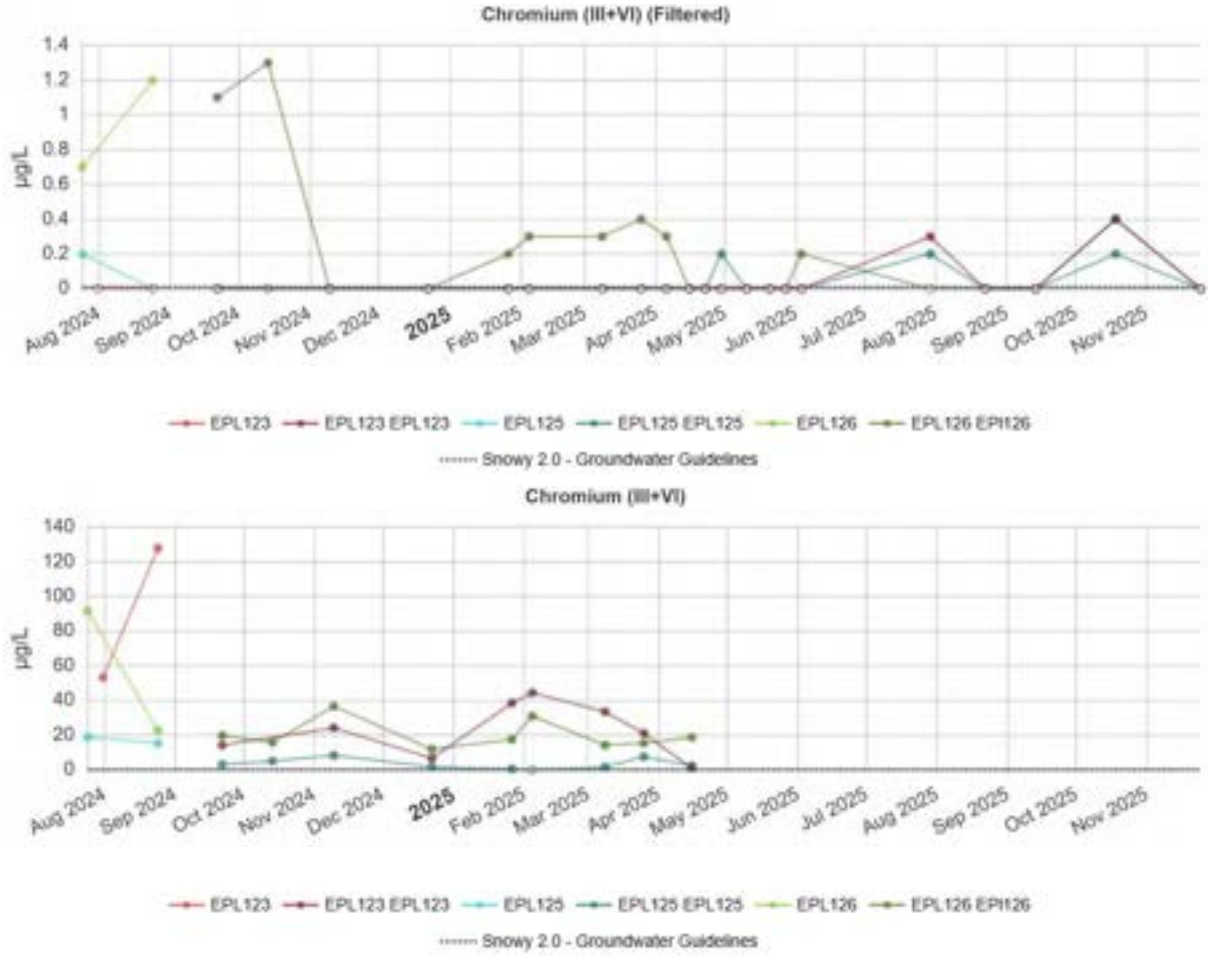
Sep 2025
Oct 2025
Nov 2025

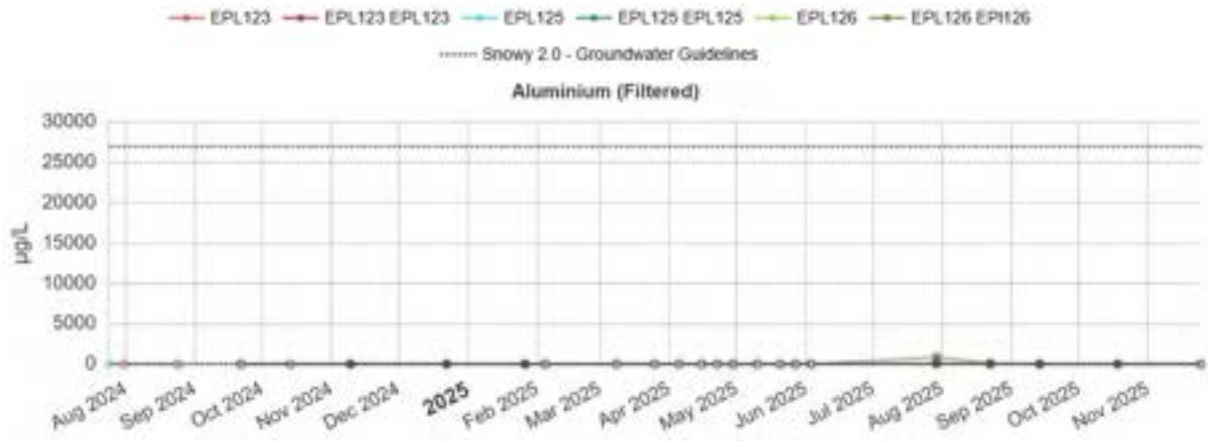

EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Iron (Filtered)
µg/L
300
250
200
150
100
50
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

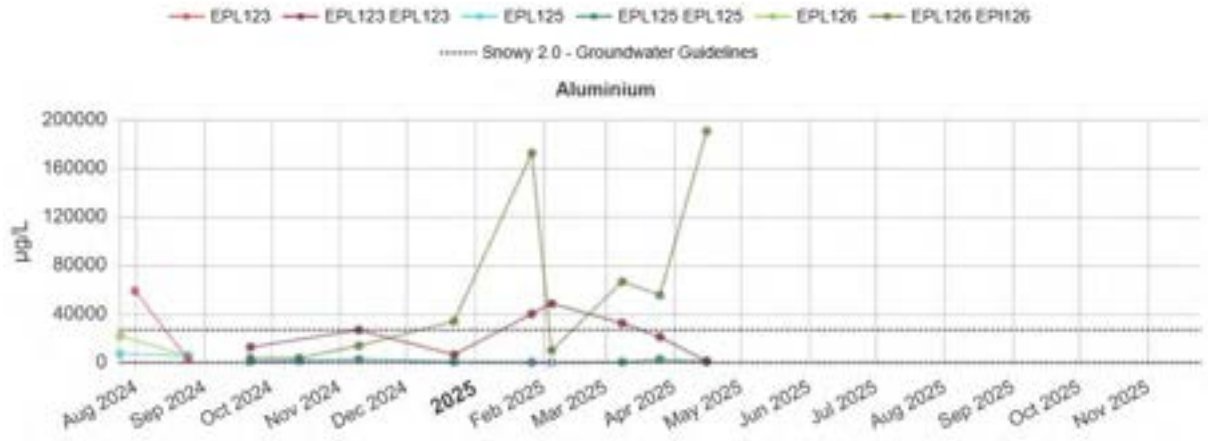
Iron
80000
70000
60000
50000
40000
30000
20000
10000
0
µg/L
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
4000
3500
3000
2500
2000
1500
1000
500
0
µg/L
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines

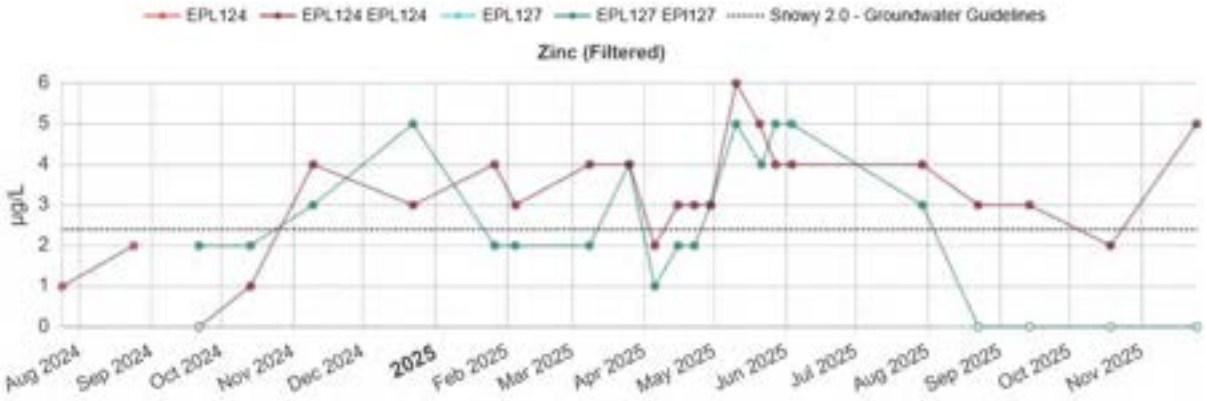

Copper (Filtered)
µg/L
35
30
25
20
15
10
5
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
Copper
µg/L
350
300
250
200
150
100
50
0
EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines

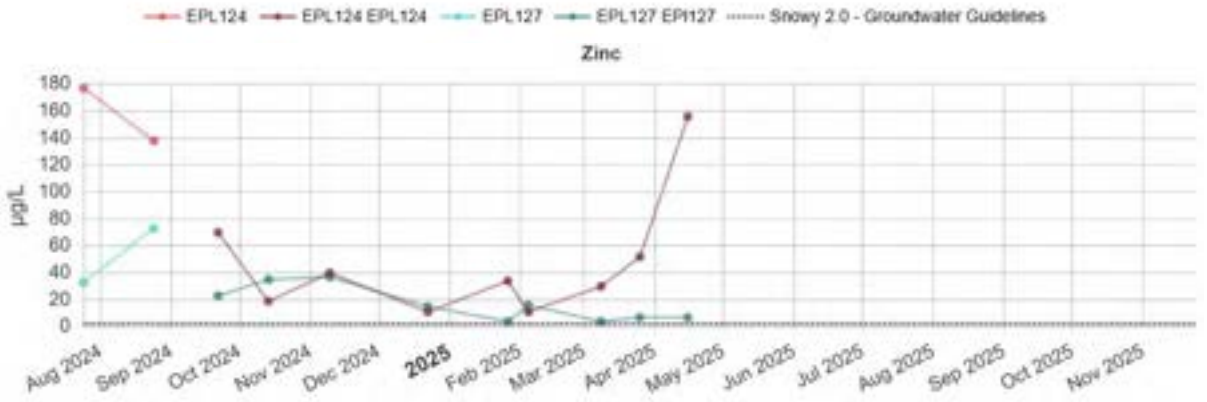

Chromium (III+VI) (Filtered)
µg/L
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Chromium (III+VI)
µg/L
140
120
100
80
60
40
20
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines

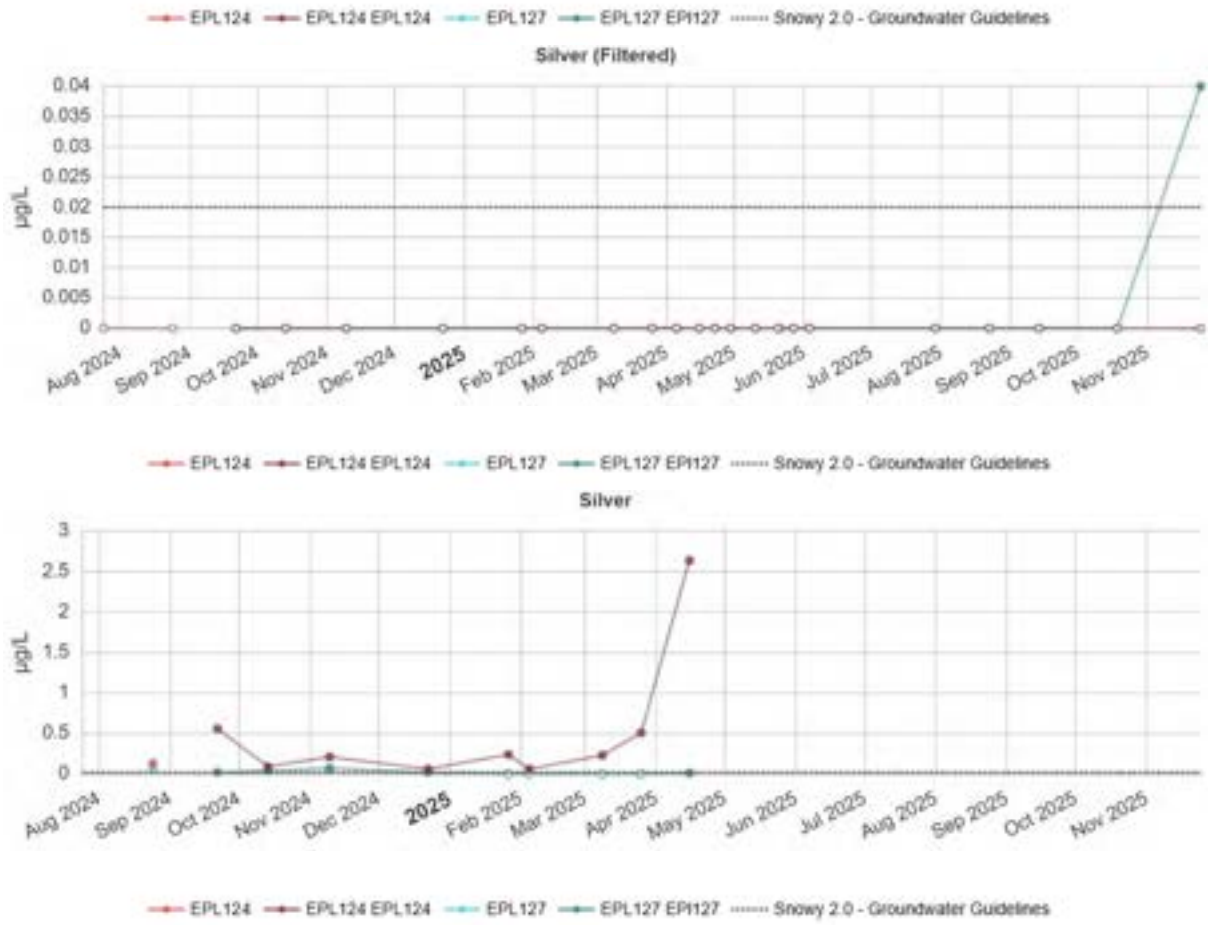
Arsenic (Filtered)
µg/L
1.2
1
0.8
0.6
0.4
0.2
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Arsenic
µg/L
45
40
35
30
25
20
15
10
5
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

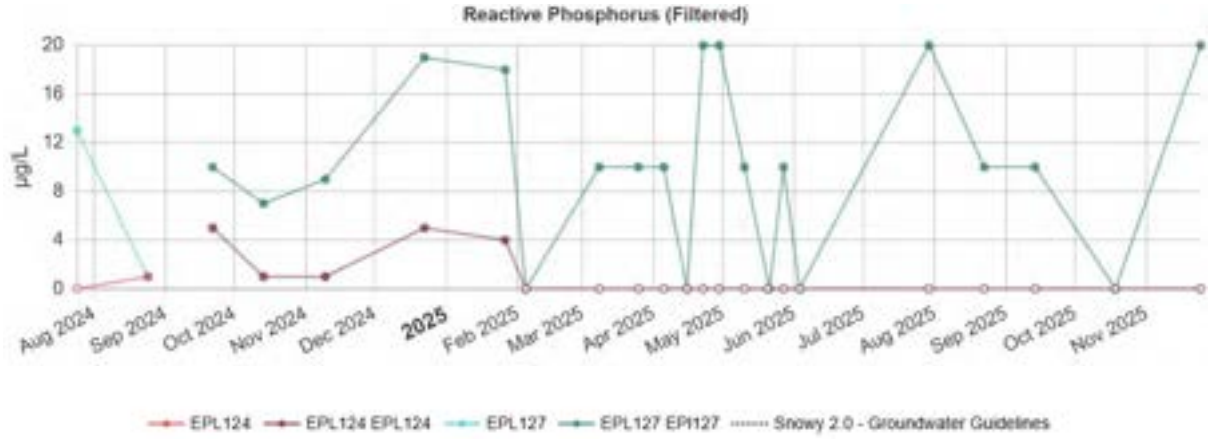

EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Aluminium (Filtered)
µg/L
30000
25000
20000
15000
10000
5000
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

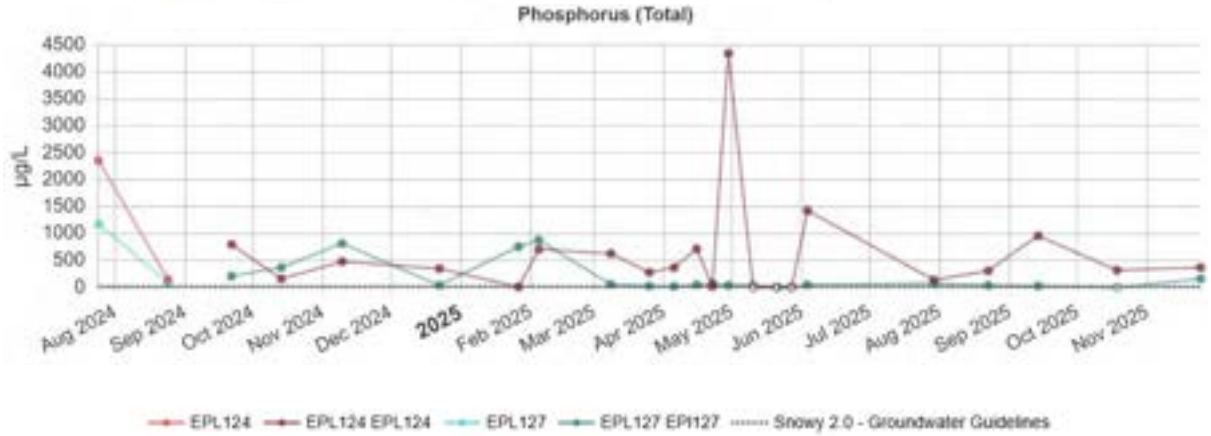

EPL123
EPL123 EPL123
EPL125
EPL125 EPL125
EPL126
EPL126 EPl126
Snowy 2.0 - Groundwater Guidelines
Aluminium
µg/L
200000
160000
120000
80000
40000
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

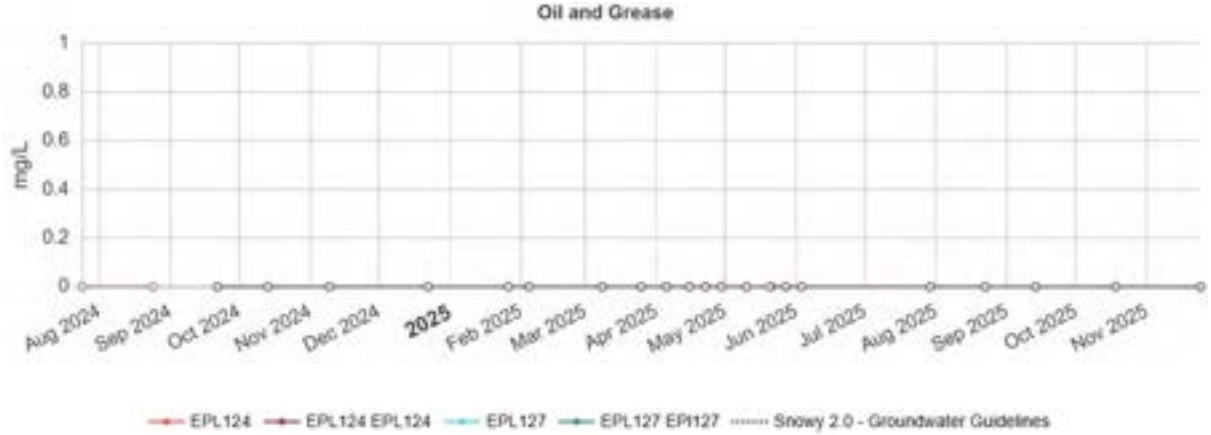

EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines
Zinc (Filtered)
µg/L
0
1
2
3
4
5
6
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

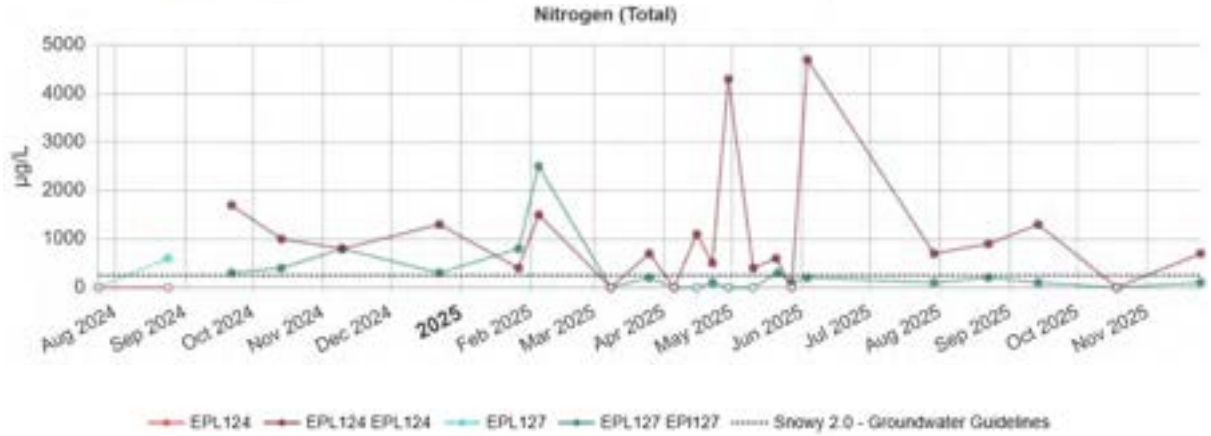

EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines
Zinc
µg/L
0
20
40
60
80
100
120
140
160
180
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025

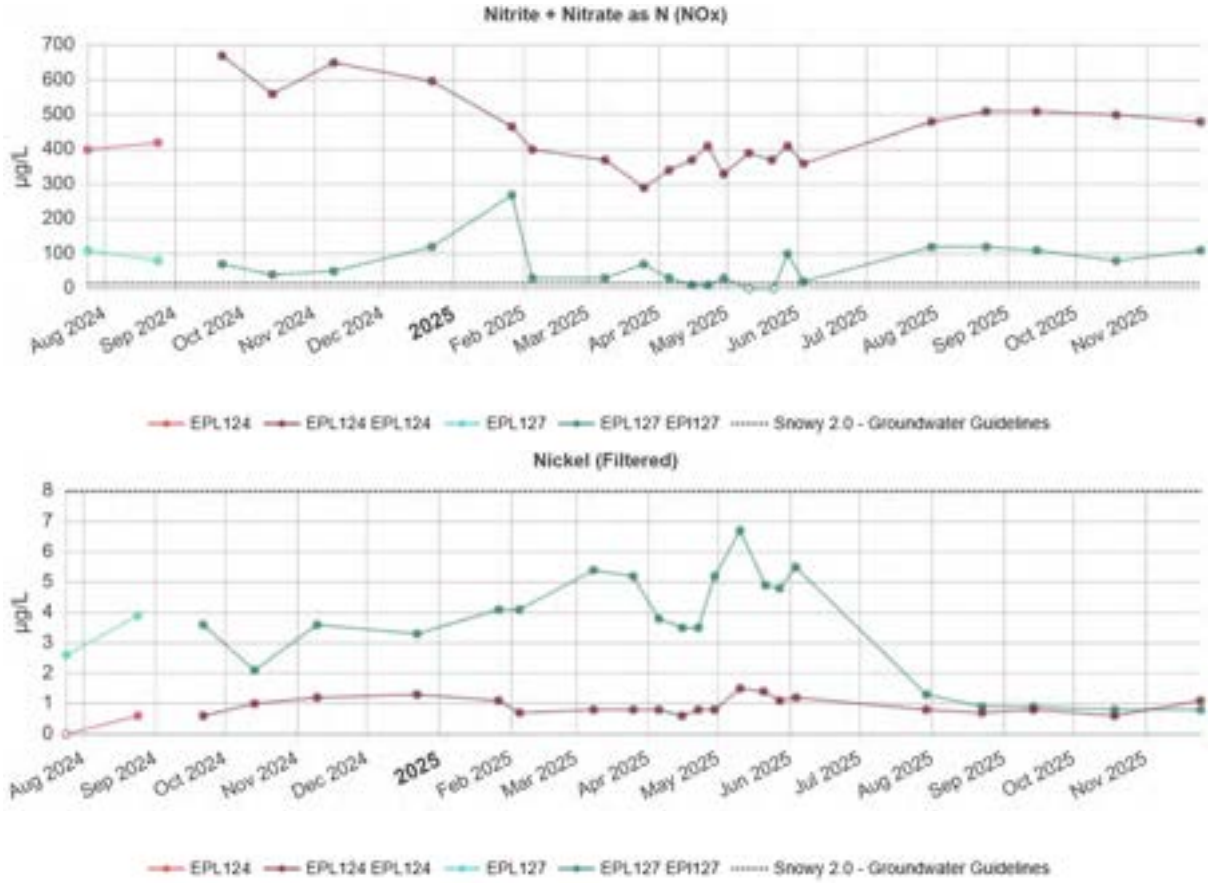

EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines
Silver (Filtered)
µg/L
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines
Silver
µg/L
3
2.5
2
1.5
1
0.5
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines

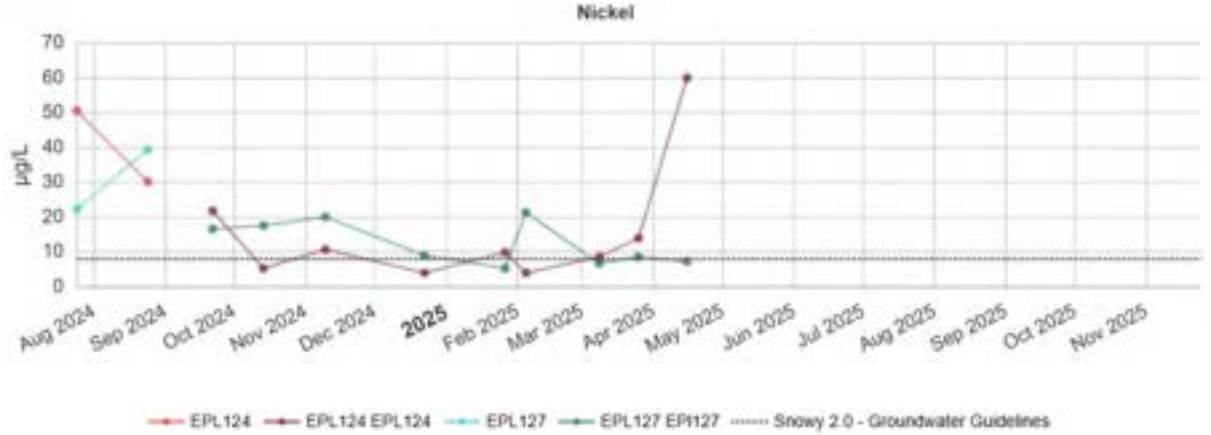

Reactive Phosphorus (Filtered)
µg/L
20
16
12
8
4
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPl127
Snowy 2.0 - Groundwater Guidelines

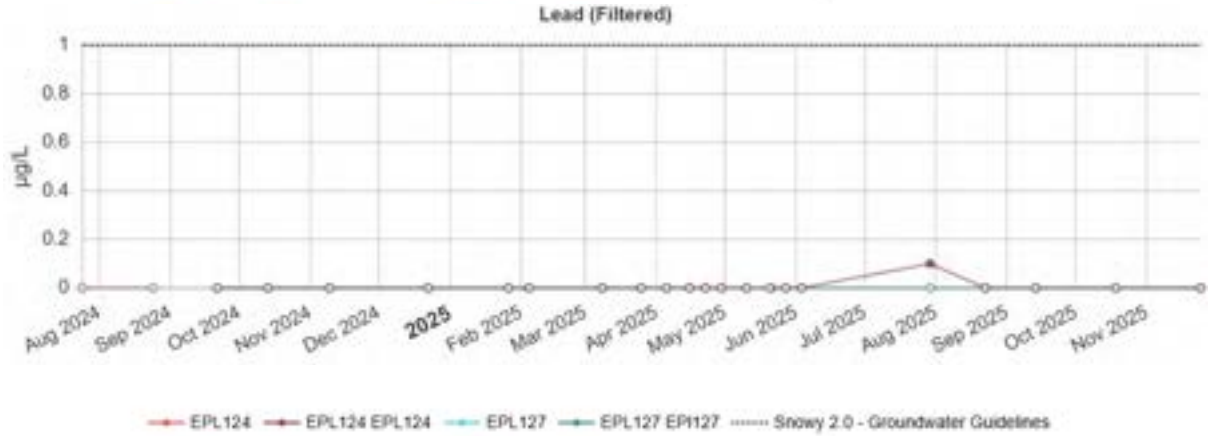

Phosphorus (Total)
µg/L
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPl127
Snowy 2.0 - Groundwater Guidelines

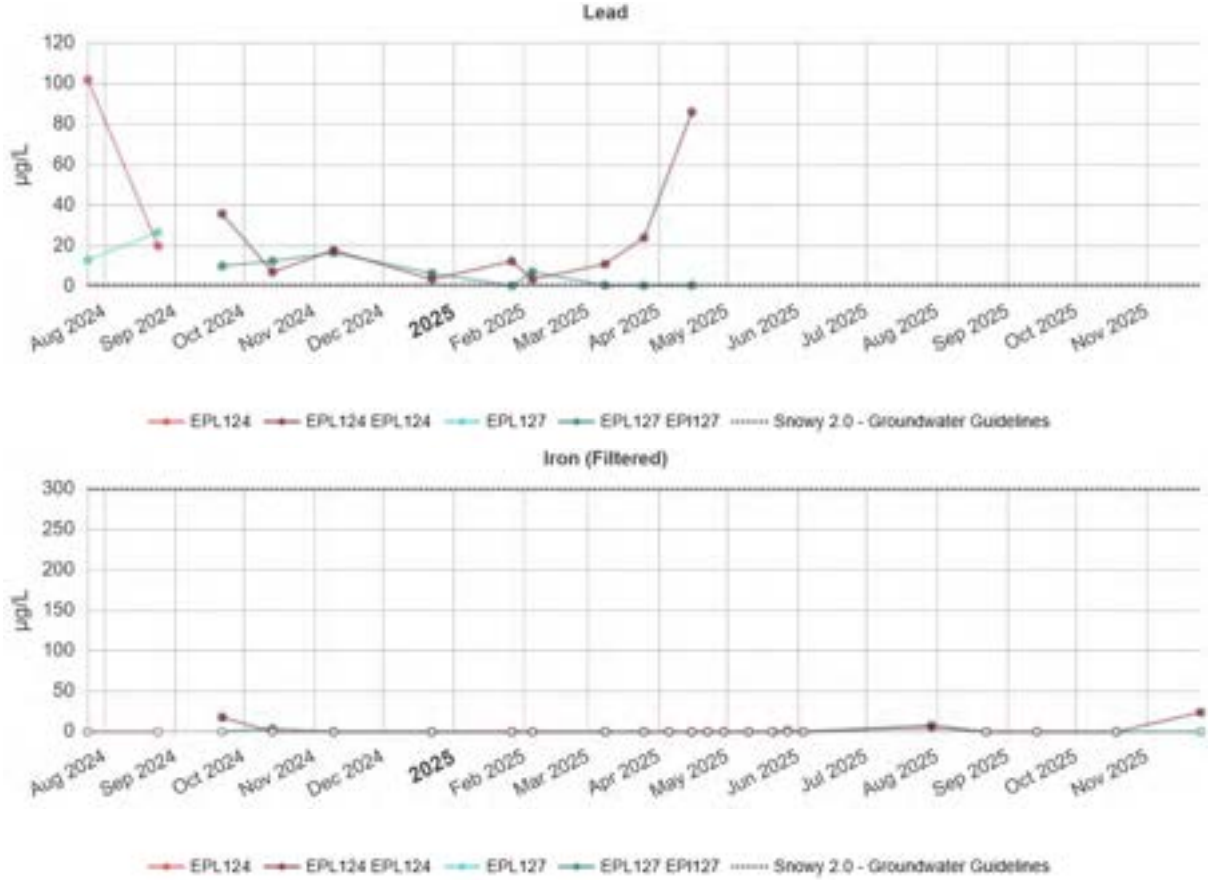

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines

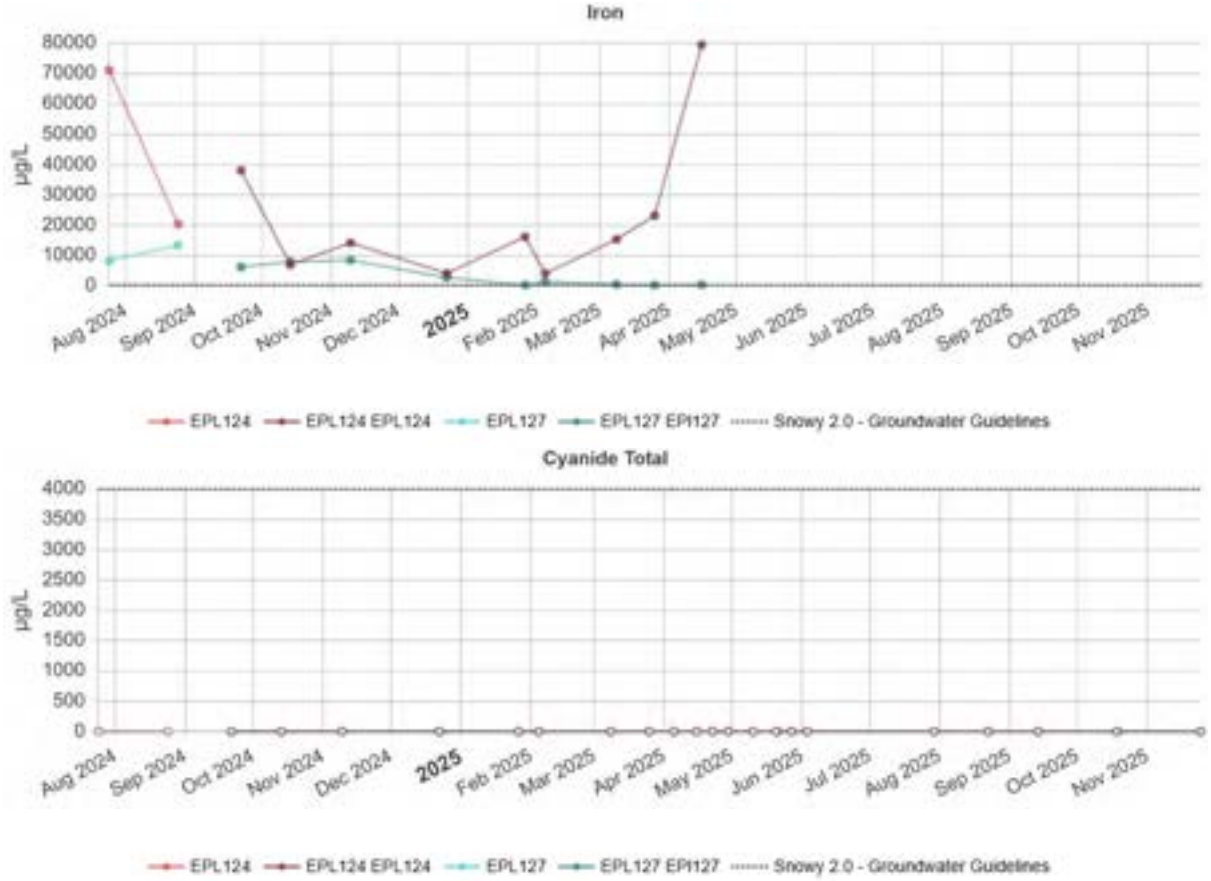

Nitrogen (Total)
µg/L
5000
4000
3000
2000
1000
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines

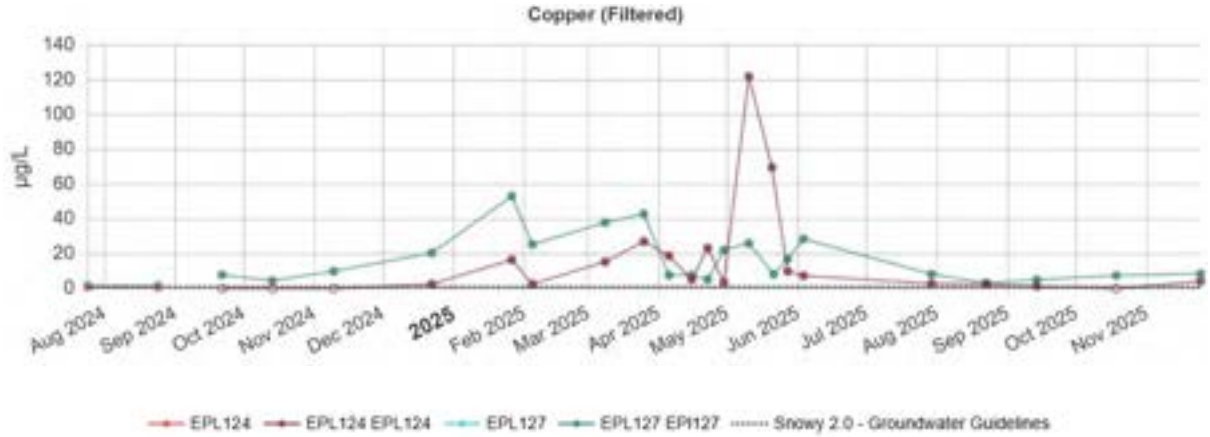

Nitrite + Nitrate as N (NOx)
µg/L
700
600
500
400
300
200
100
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines
Nickel (Filtered)
µg/L
8
7
6
5
4
3
2
1
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines

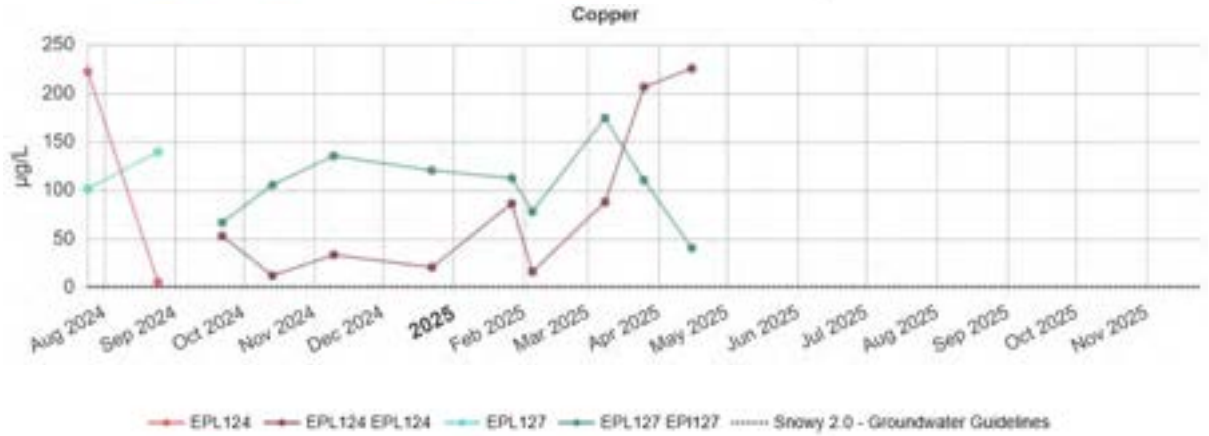

Nickel
70
60
50
40
30
20
10
0
µg/l
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPl127
Snowy 2.0 - Groundwater Guidelines

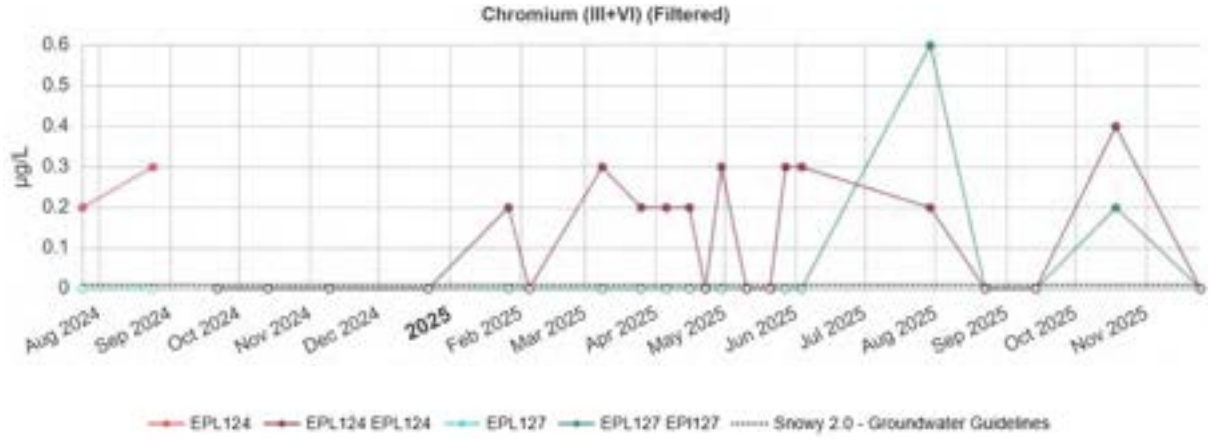

Lead (Filtered)
1
0.8
0.6
0.4
0.2
0
µg/l
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPl127
Snowy 2.0 - Groundwater Guidelines

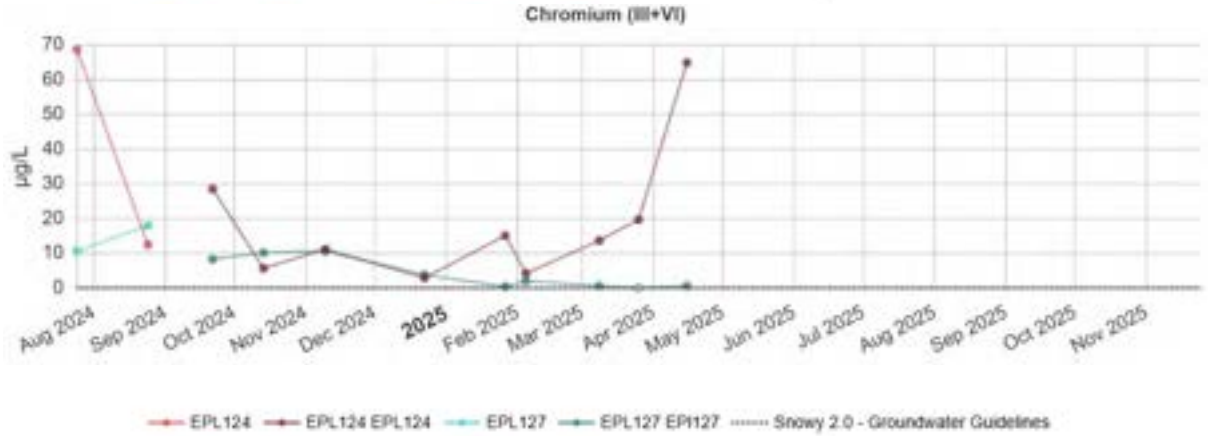

Lead
120
100
80
60
40
20
0
µg/L
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines
Iron (Filtered)
300
250
200
150
100
50
0
µg/L
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines

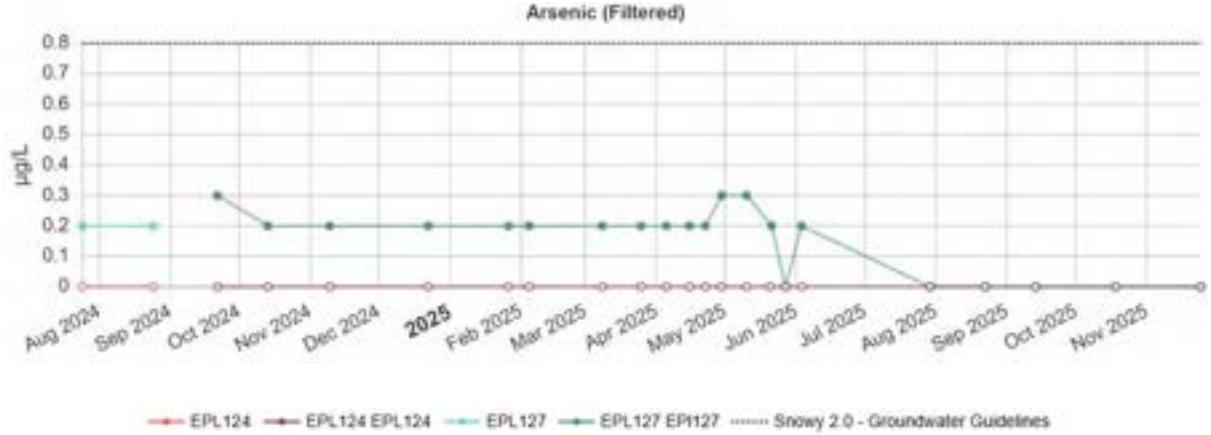

Iron
80000
70000
60000
50000
40000
30000
20000
10000
0
µg/L
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPl127
Snowy 2.0 - Groundwater Guidelines
Cyanide Total
4000
3500
3000
2500
2000
1500
1000
500
0
µg/L
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPl127
Snowy 2.0 - Groundwater Guidelines

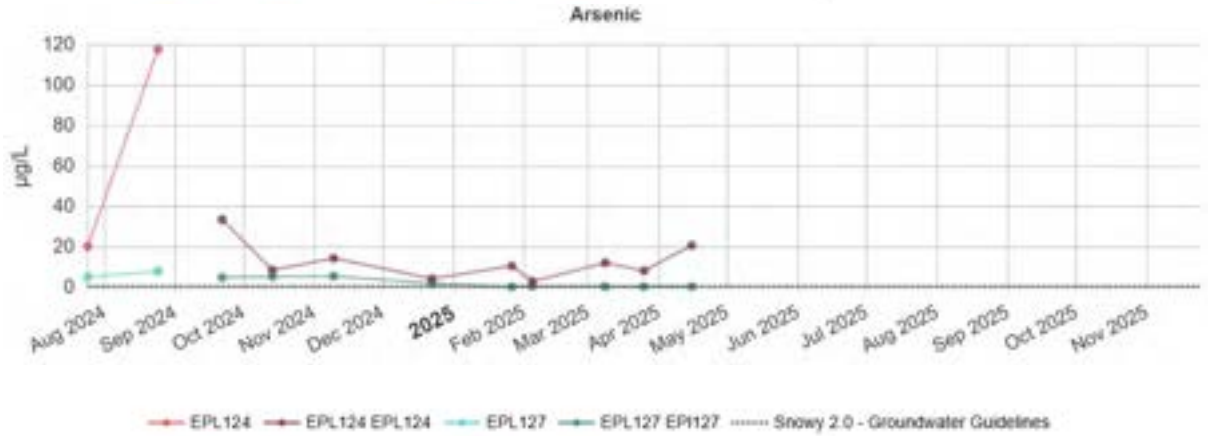

Copper (Filtered)
140
120
100
80
60
40
20
0
ug/L
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPl127
Snowy 2.0 - Groundwater Guidelines

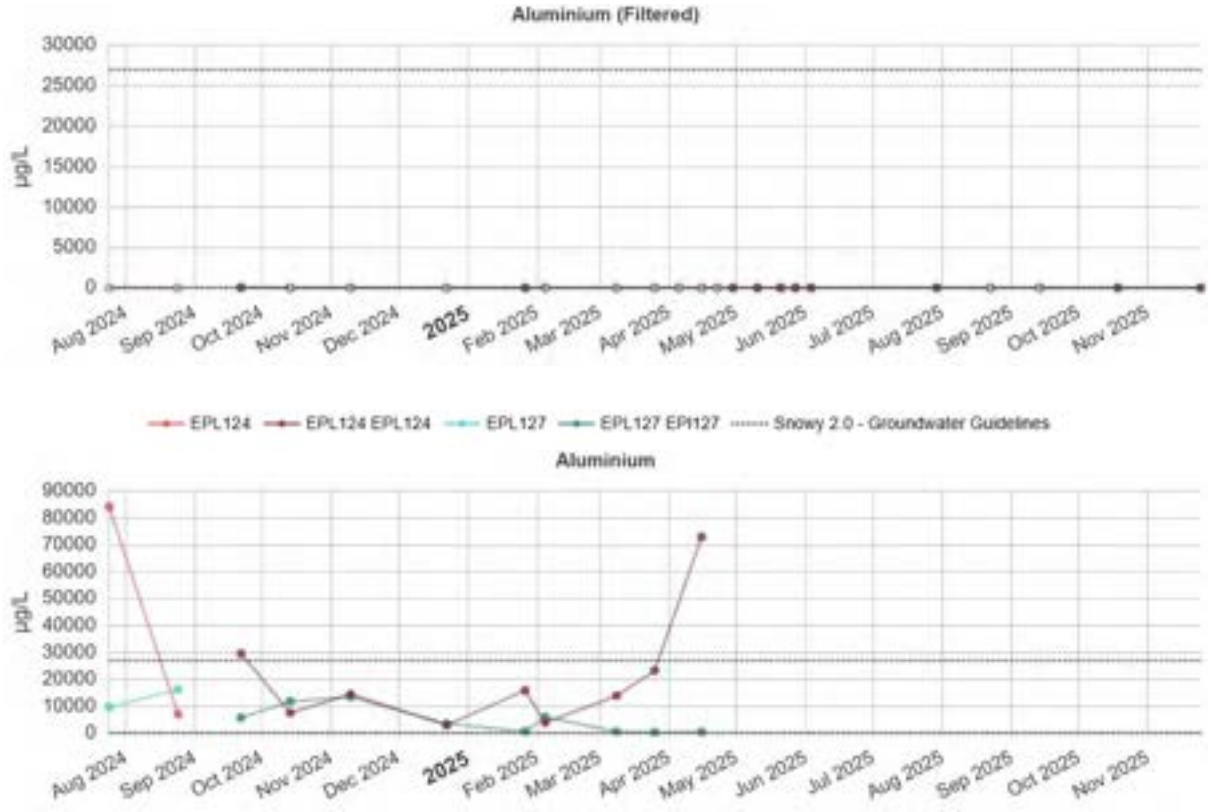

Copper
250
200
150
100
50
0
ug/L
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPl127
Snowy 2.0 - Groundwater Guidelines


Chromium (III+VI) (Filtered)
µg/L
0.6
0.5
0.4
0.3
0.2
0.1
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines

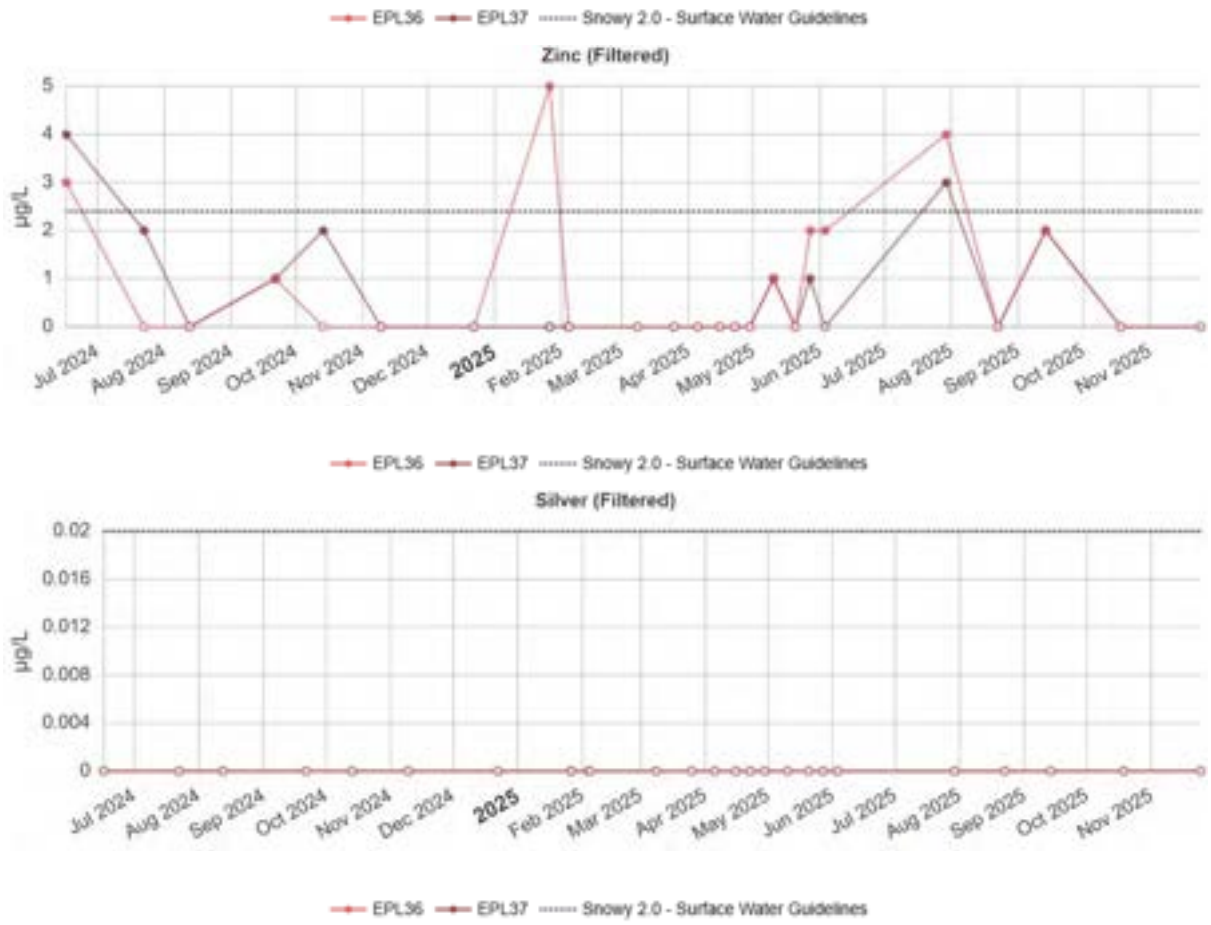

Chromium (III+VI)
µg/L
70
60
50
40
30
20
10
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines

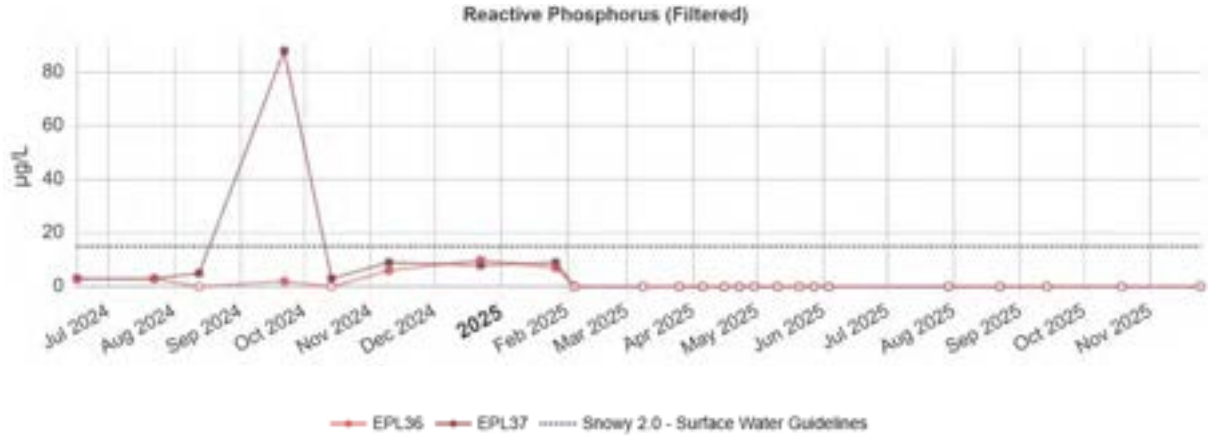

Arsenic (Filtered)
µg/L
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines

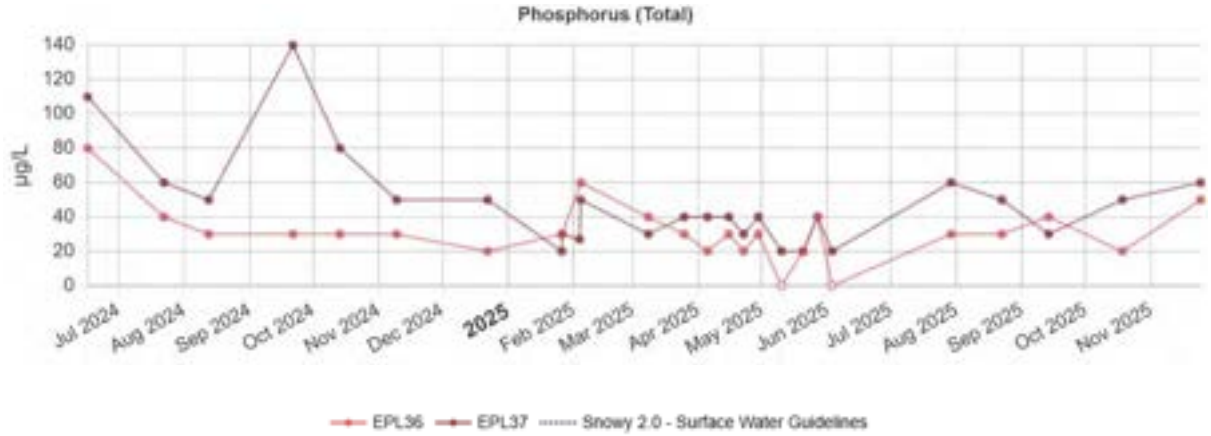

Arsenic
µg/L
120
100
80
60
40
20
0
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL124
EPL124 EPL124
EPL127
EPL127 EPI127
Snowy 2.0 - Groundwater Guidelines

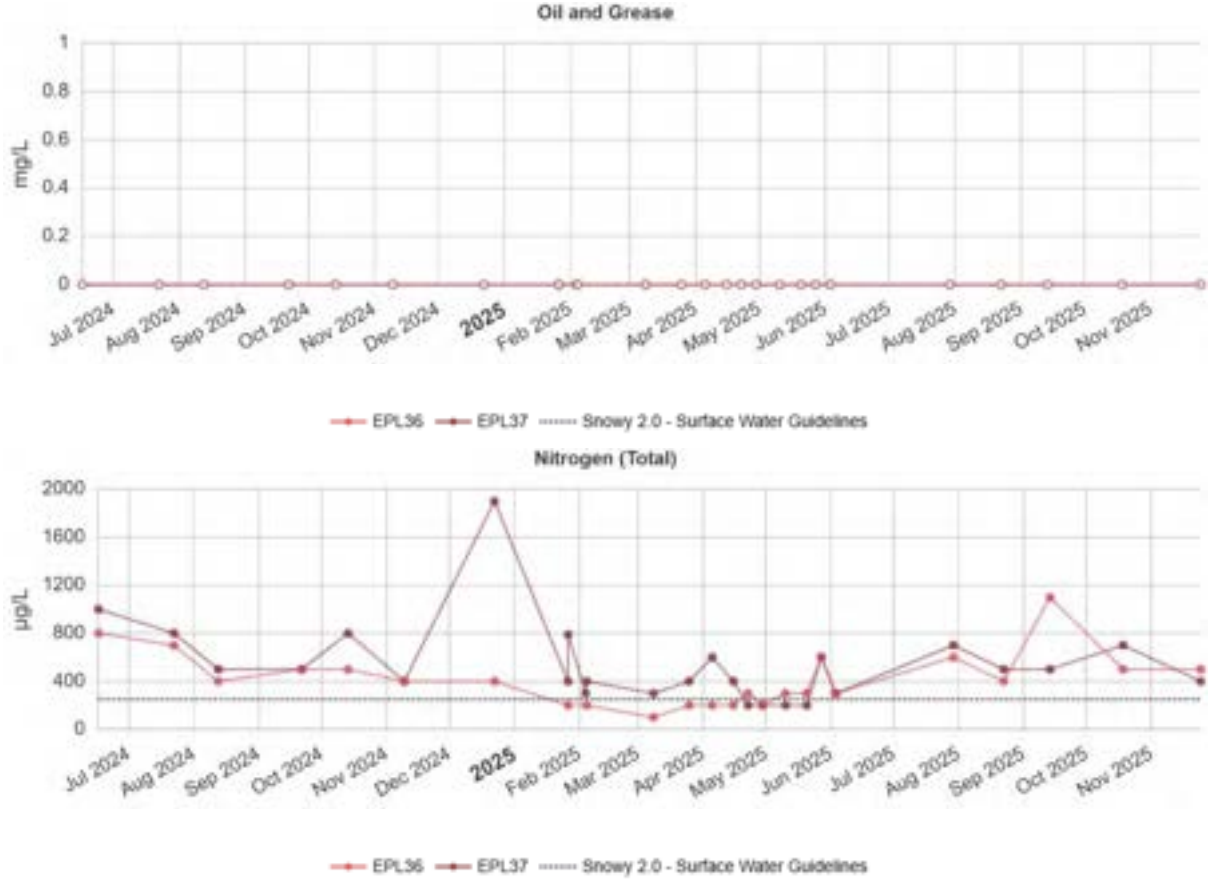


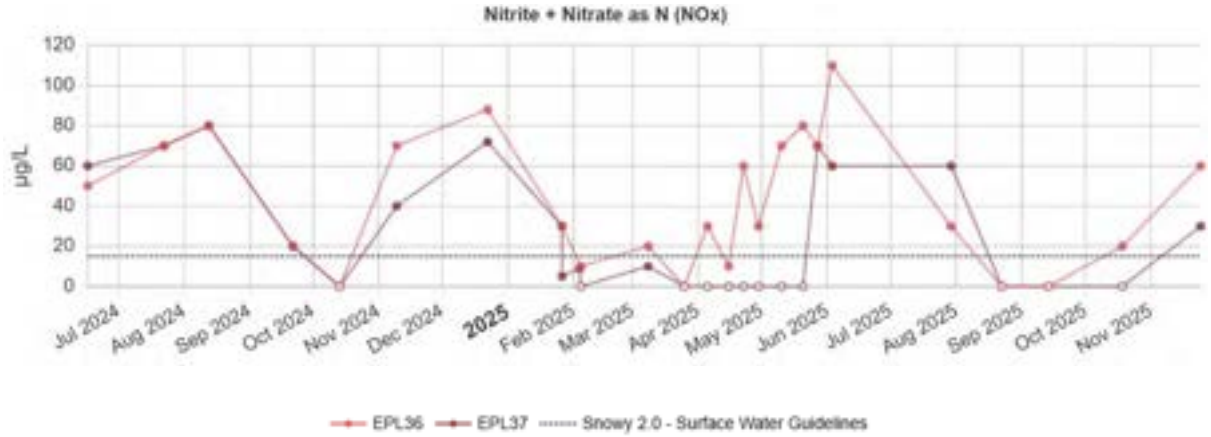
Surface Water

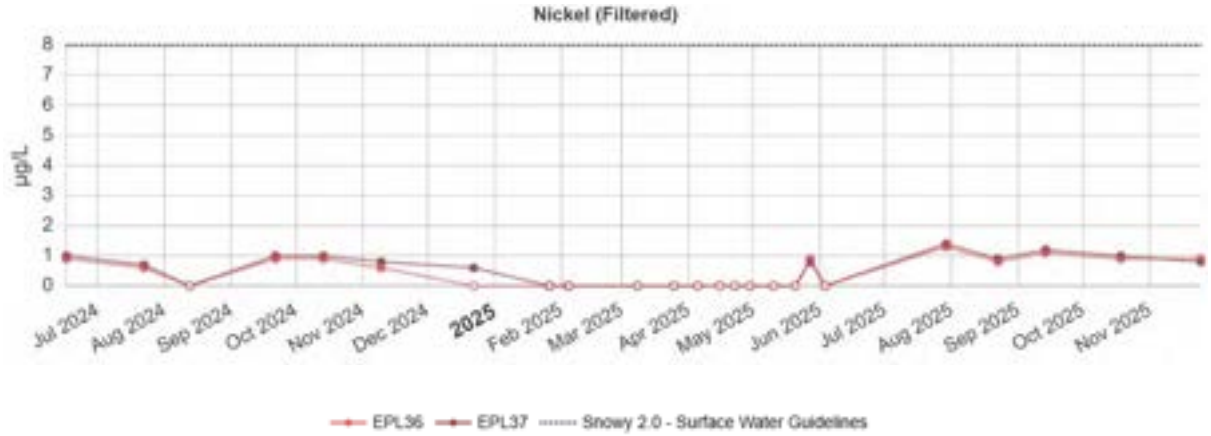

EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines
Zinc (Filtered)
µg/L
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines
Silver (Filtered)
µg/L
0.02
0.016
0.012
0.008
0.004
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines


Reactive Phosphorus (Filtered)
µg/L
80
60
40
20
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines


Phosphorus (Total)
µg/L
140
120
100
80
60
40
20
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines

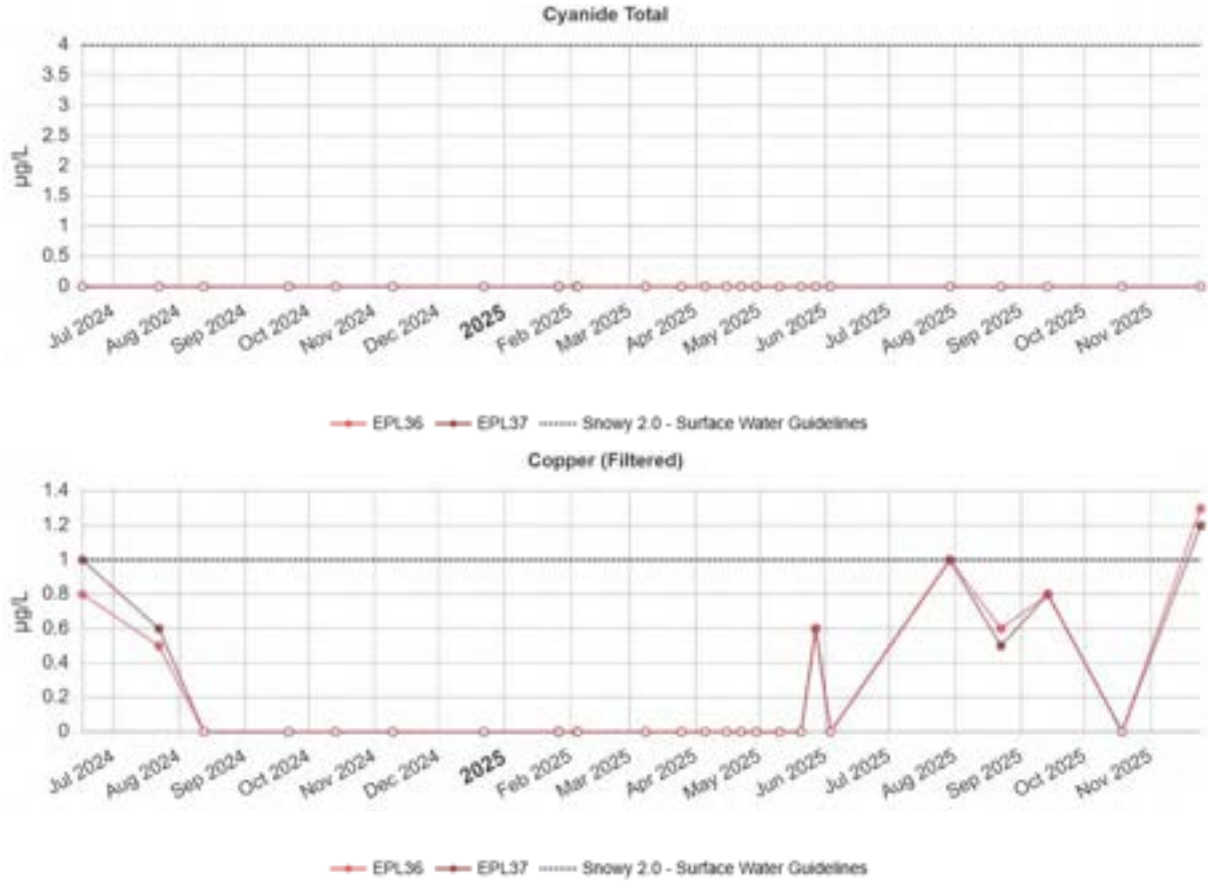

Oil and Grease
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines
Nitrogen (Total)
µg/L
2000
1600
1200
800
400
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines

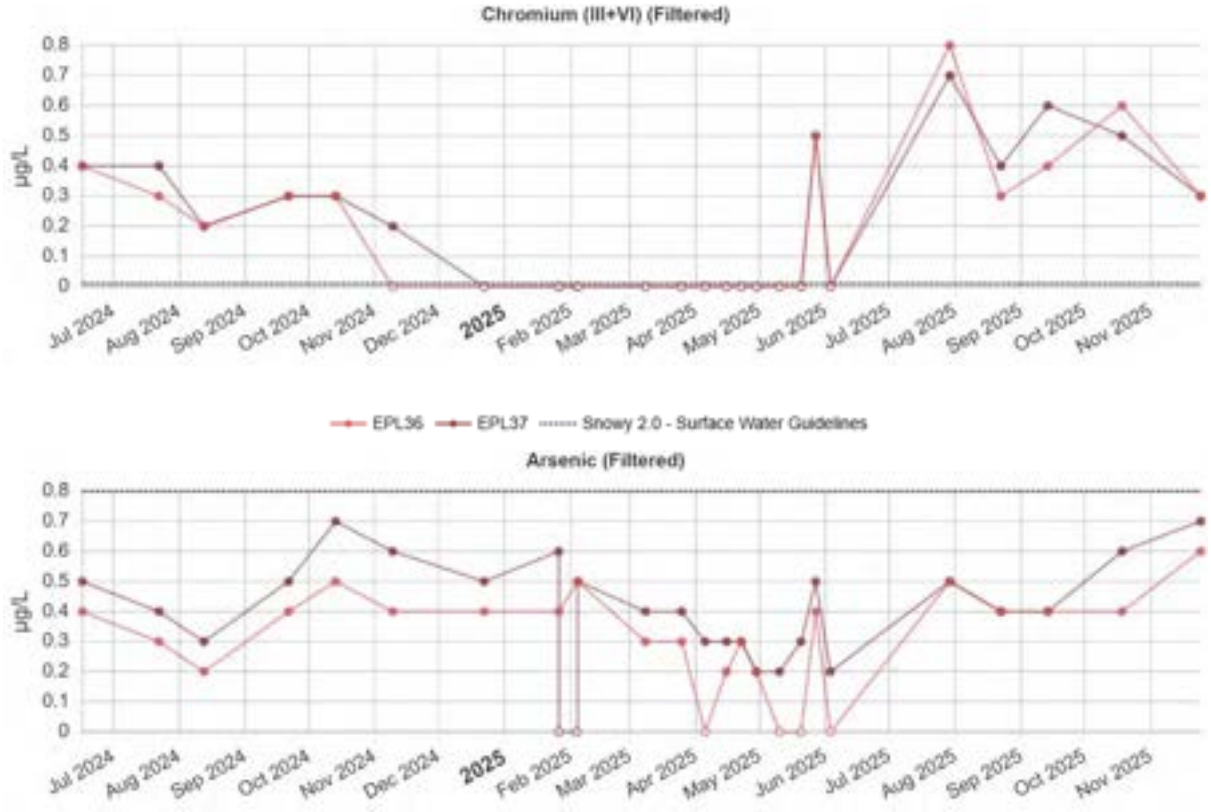

Nitrite + Nitrate as N (NOx)
µg/L
120
100
80
60
40
20
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines

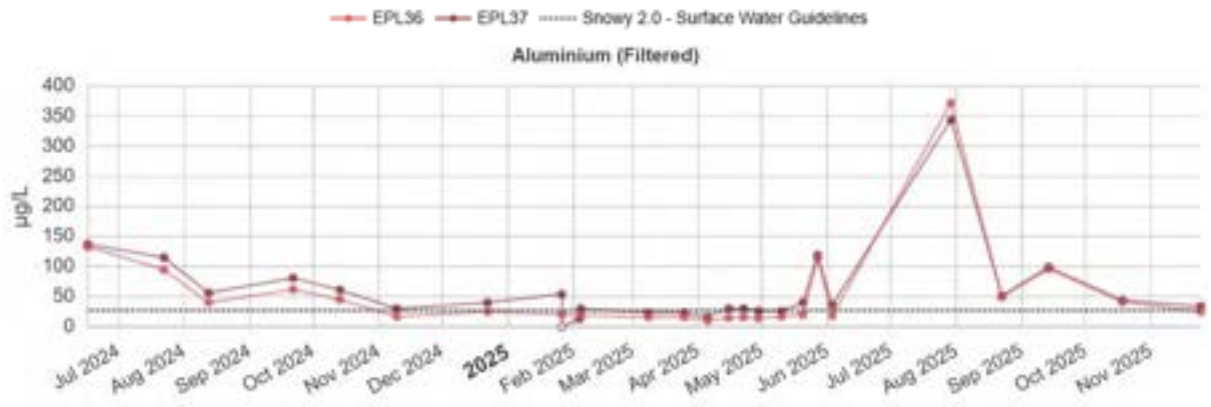

Nickel (Filtered)
µg/L
8
7
6
5
4
3
2
1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines

Lead (Filtered)
µg/L
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines

Iron (Filtered)
µg/L
500
400
300
200
100
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines


Cyanide Total
µg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines
Copper (Filtered)
µg/L
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines


Chromium (III+VI) (Filtered)
µg/L
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025
EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines
Arsenic (Filtered)
µg/L
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025


EPL36
EPL37
Snowy 2.0 - Surface Water Guidelines
Aluminium (Filtered)
µg/L
400
350
300
250
200
150
100
50
0
Jul 2024
Aug 2024
Sep 2024
Oct 2024
Nov 2024
Dec 2024
2025
Feb 2025
Mar 2025
Apr 2025
May 2025
Jun 2025
Jul 2025
Aug 2025
Sep 2025
Oct 2025
Nov 2025